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Petroleum Supply Annual 1981

Volume 1

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy

July 1982

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Petroleum Supply Annual 1981

Volume 1

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, D.C. 20585

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DOE/EIA-0340(81)/1
Volume 1 of 2

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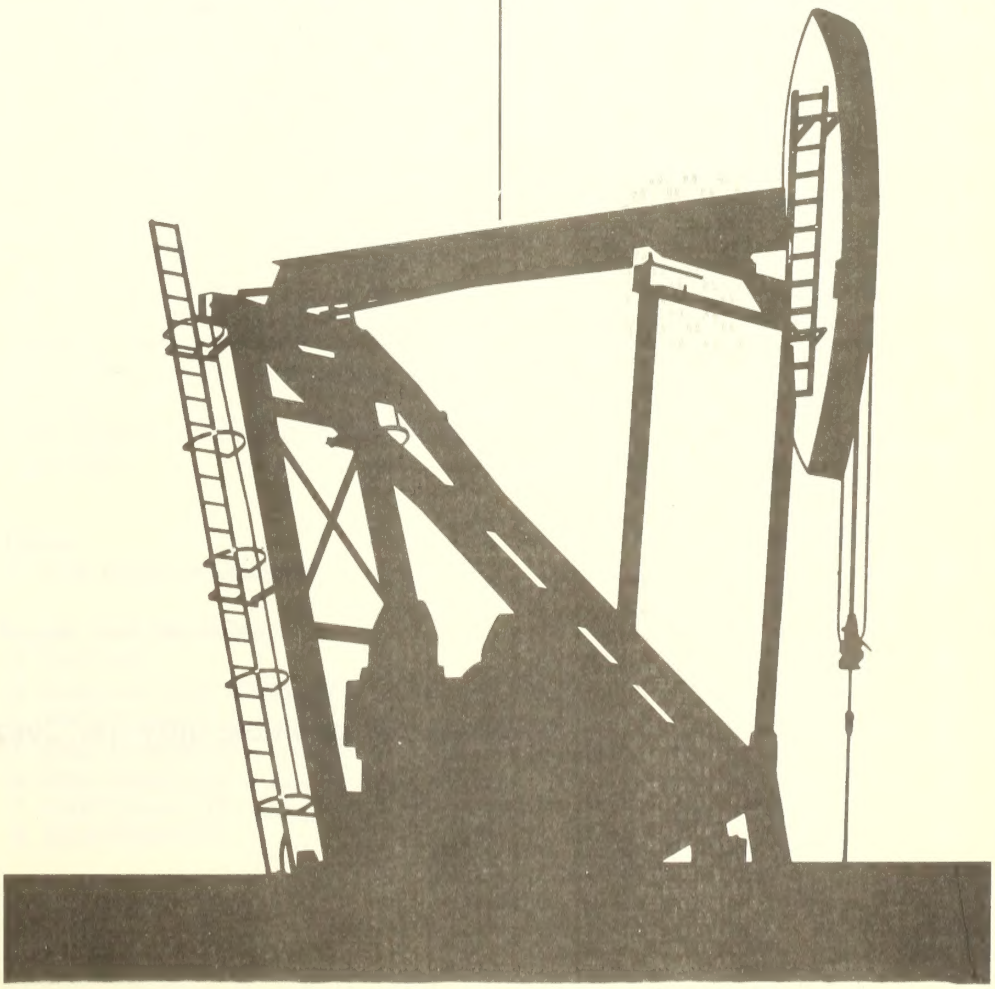

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PSA

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Introduction

Introducing the Petroleum Supply Annual

The *Petroleum Supply Annual (PSA)* replaces four Energy Information Administration (EIA) annual petroleum publications:

- *Petroleum Statement, Annual*
- *Petroleum Refineries in the United States and U.S. Territories*
- *Sales of Liquefied Petroleum Gases and Ethane*
- *Deliveries of Fuel Oil and Kerosene*

The PSA is comprised of two volumes. This volume, Volume I, is divided into four sections. The first section contains annual summary tables for data published in the *Monthly Petroleum Statement.* This section contains summary statistics, with time series tables and graphs, and detailed statistics for the year 1981. The format of this section corresponds to the *Petroleum Supply Monthly.*

The second section contains data tables which previously appeared in *Petroleum Refineries in the United States and U.S. Territories.* Several new tables have been added including projected changes in capacity of petroleum refineries, operable shutdown capacity and a list of permanently shutdown refineries.

The third section contains tables previously shown in the *Sales of Liquefied Petroleum Gases and Ethane* publication. The level of detail of product display by section has been reduced to improve the appearance of these data and eliminate many of the "withheld" (w) data cells that appeared in the 1980 data.

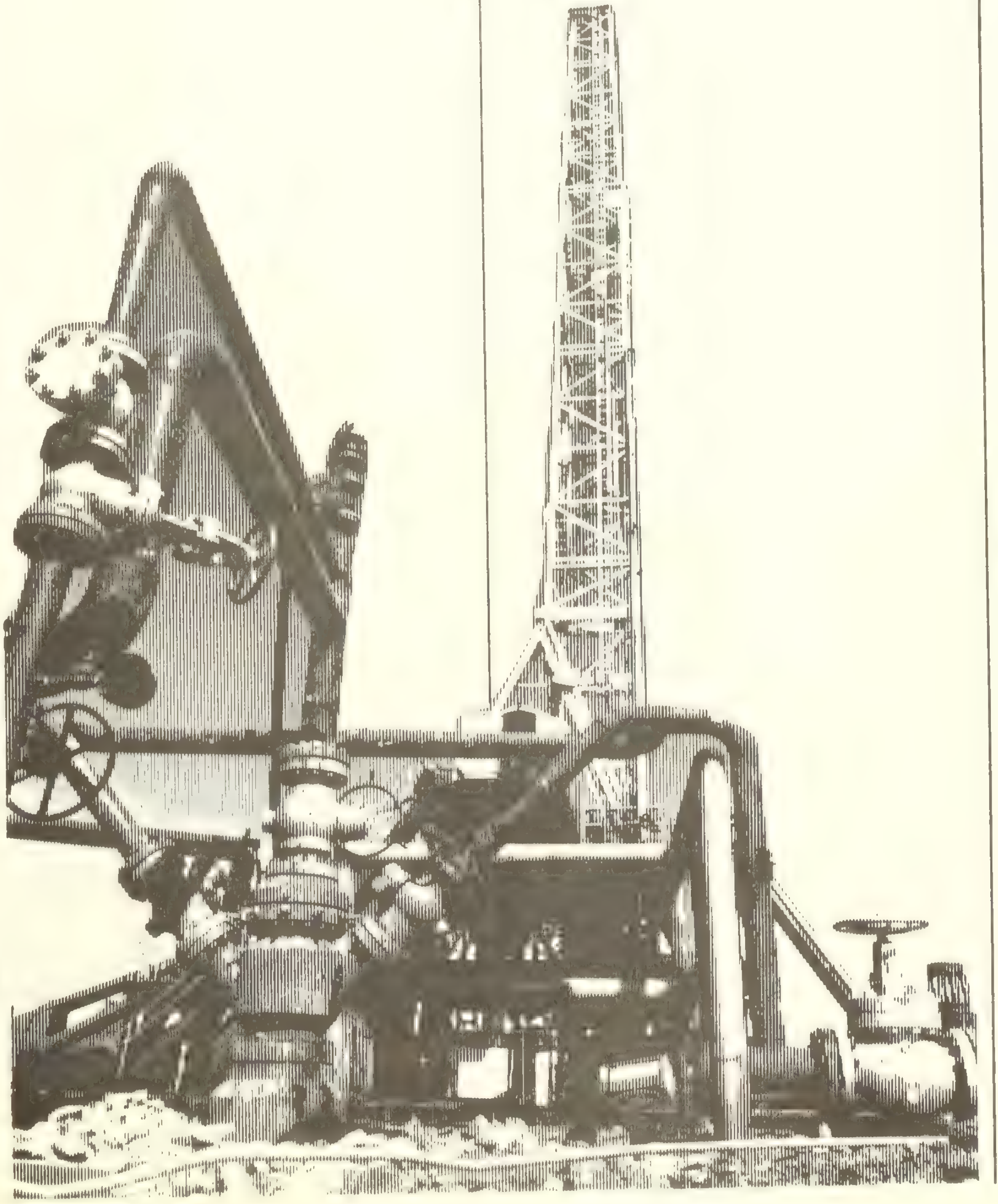
The fourth section contains tables which previously appeared in *Deliveries of Fuel Oil and Kerosene.* The tables in this section are in the same format as in the 1980 issue of that annual publication.

Along with the tables, each of the four sections include 1981 highlights and explanatory notes describing data collection, estimation, data quality, changes to data collected and interpretation of tables. A glossary is included at the end of the volume, alphabetically listing industry terminology and product definitions.

Volume II contains detailed statistics for each month of 1981, as previously published in the *Monthly Petroleum Statement (MPS),* along with explanatory notes and a glossary.

The *Petroleum Supply Annual (PSA)* is prepared by the Petroleum Supply Division, Office of Oil and Gas, Energy Information Administration, Department of Energy.

etroleum Supply ummary



U.S. Petroleum Developments: 1981

Synopsis

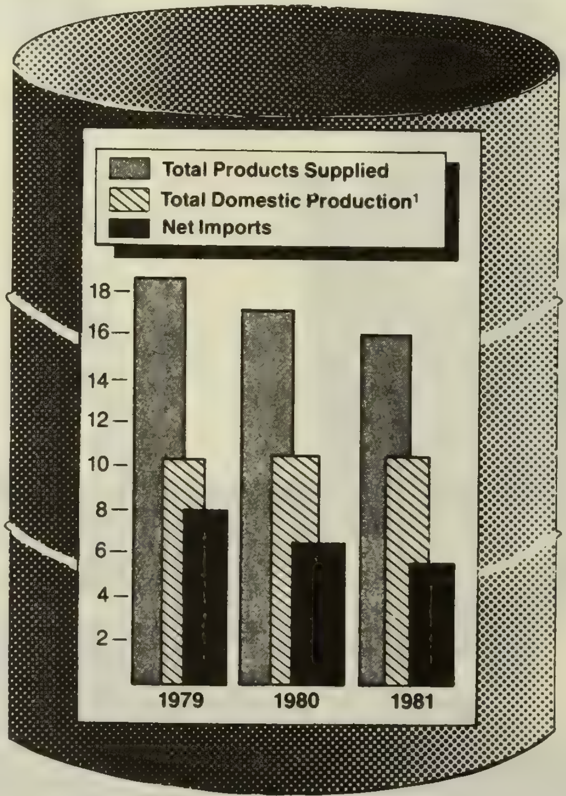
In 1981, the United States significantly reduced its dependence on petroleum imports by reducing domestic consumption of petroleum. This decline in domestic consumption occurred principally as a result of lower economic activity in 1981 and the ongoing effects of repeated sharp increases in petroleum product prices since 1973. Since domestic production was stable during 1981 and petroleum product stocks decreased at a moderate rate of only 0.1 million barrels per day, the one million barrels per day (6 percent) drop in domestic consumption resulted in a one million barrels per day (15 percent) decrease in net petroleum imports. (See Exhibit 1.) Imports decreased despite an ample worldwide supply of crude oil and stable world prices.

Domestic prices of crude oil and petroleum products continued to rise during the first quarter of the year, then decreased throughout the remainder of 1981. Both the reduction in consumption and the ample worldwide supplies of crude oil put downward pressure on the prices of petroleum products.

Note: 1979 and 1980 products supplied figures for motor gasoline and for distillate and residual fuel oils have been recast to account for data system changes in 1981. They differ from figures shown in the "Historical Statistics." See Explanatory Note 4. Also, all 1981 stock changes were based upon the December 31, 1980 (New Basis) figures. They differ from figures shown in the "Historical Statistics."

Exhibit 1. PETROLEUM SUMMARY

Million Barrels per Day



[1] Includes crude oil and natural gas plant production.
Source: "Historical Statistics" ***Petroleum Supply Annual.***

U.S. Petroleum Summary
(million barrels per day)

	1980	1981	Change
Total products supplied	17.1	16.1	-6%
Motor gasoline[1]	6.8	6.6	-4%
Distillate fuel oil[1]	3.0	2.8	-5%
Residual fuel oil[1]	2.6	2.1	-19%
Total petroleum production[2]	10.2	10.2	0
Refinery crude oil inputs	13.5	12.5	-8%
Net petroleum imports	6.4	5.4	-15%

[1] Motor gasoline figures for 1980 recast to account for data system changes in 1981. See Explanatory Note 4.
[2] Includes crude oil and natural gas plant production.

Developments in Petroleum Consumption

In 1981, petroleum consumption (products supplied for domestic use[1]) in the United States declined for the third consecutive year. Major reasons for this continued decline were a sluggish economy and petroleum price increases in 1979, 1980 and 1981. Petroleum remained the dominant energy source, accounting for 43 percent of the country's total energy used. Its share has diminished slowly during the last several years as consumers have conserved, or switched to other fuels. (Ref. 1)

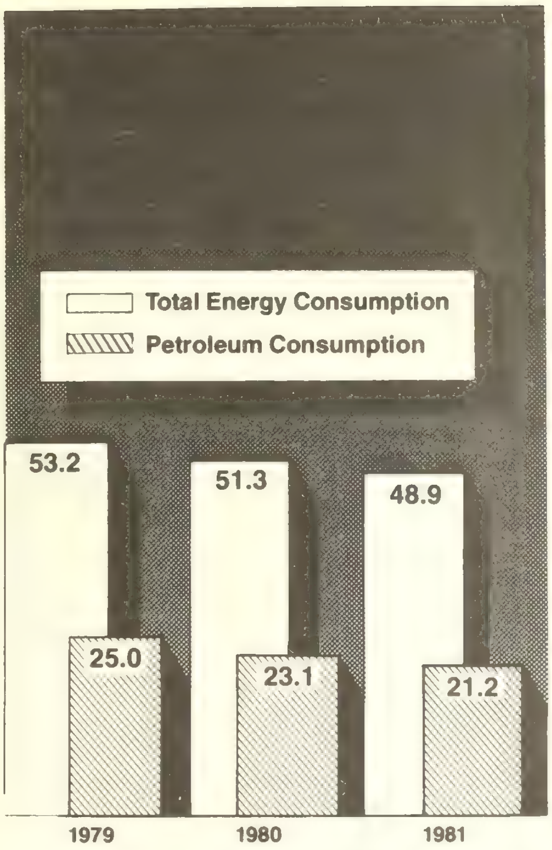
The ratio of petroleum consumption to Gross National Product decreased substantially during the 1979-81 period, indicating that energy conservation and other structural changes have had a substantial impact. (See Exhibit 2.) Factors contributing to the continuation of the downtrend were: improvement in fuel efficiencies, consumers switching to lower cost alternate fuels, the public emphasis on all aspects of fuel conservation, and petroleum product price increases during the period.

Among the petroleum products, motor gasoline and residual fuel oil accounted for three-fourths

---

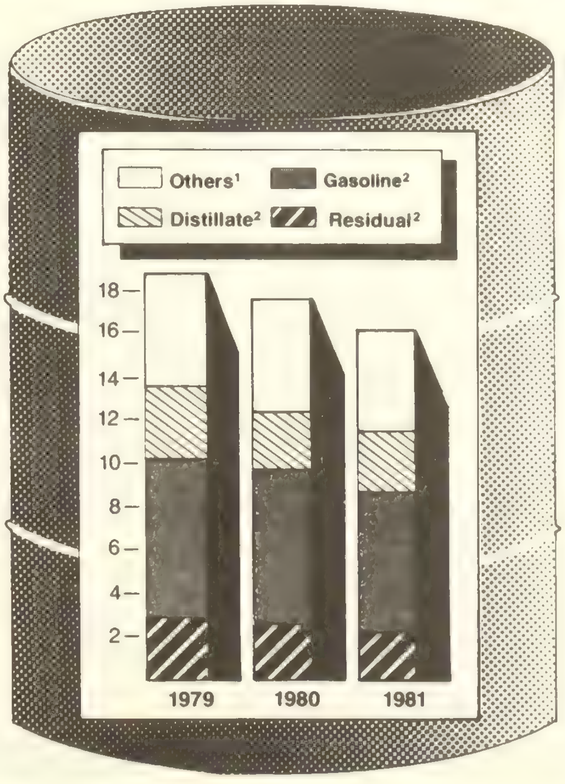
This article was originally prepared in the Petroleum Supply Division, Energy Information Administration, by Barry P. Berlin, John L. Albright, and William G. Park. First published in the March 1982 issue of the *Petroleum Supply Monthly*, it has been revised to present final 1981 data.
Unless otherwise referenced, statistics in this article were derived from statistics presented in this issue of the **Petroleum Supply Annual.**

[1] Petroleum products supplied equals net domestic production of petroleum products, plus net product imports, plus net product stock withdrawals.



Source: *Monthly Energy Review* and *Survey of Current Business.*

Exhibit 3. PETROLEUM PRODUCTS SUPPLIED FOR DOMESTIC USE Million Barrels per Day



[1] Other petroleum products include liquefied gases, jet fuels, and petrochemical feedstocks.

[2] Based on 1979 and 1980 figures by EIA. See Explanatory Note 4.

Source: "Summary Statistics," *Petroleum Supply Annual.*

of the 1.0 million barrels per day decline in petroleum consumption between 1980 and 1981. (See Exhibit 3.)

Motor Gasoline. Motor gasoline supplied for domestic use averaged 6.6 million barrels per day in 1981, down 11 percent from 1978, the year gasoline consumption peaked. Federal Highway Administration estimates indicate that vehicle miles traveled have increased since 1980. Increased vehicle fuel efficiency therefore appears to be an important factor in the decline in gasoline consumption. The average passenger car efficiency reached 15.2 miles per gallon of fuel in 1980, a significant increase from the 14.3 miles per gallon recorded in 1979. (Ref. 1) The estimated average passenger car efficiency in 1981 was 15.7 miles per gallon, an improvement of about 4 percent over 1980. (Ref. 2)

Year end average retail prices of all grades and services of motor gasoline increased to 135 cents per gallon in 1981—up 13 cents (11 percent) from year end 1980, and up 70 cents (108 percent) from year end 1978. (Ref. 1)

Distillate Fuel Oil. Distillate fuel oil supplied for domestic use in 1981 decreased 140 thousand barrels per day (5 percent) from 1980, much less than the 11 percent decrease from 1979 to 1980.

Increases in the price of home heating oil continued to induce some conversions to natural gas and other alternate fuels. U.S. residential heating oil prices averaged 121 cents per gallon in 1981, up 23 cents (23 percent) from the previous year. (Ref. 1)

Residual Fuel Oil. While residual fuel oil ranked third in volume among the individual petroleum products consumed in 1981, the 474 thousand barrel per day (19 percent) decline in residual fuel oil use between 1980 and 1981 was the largest volume component of the decline in petroleum consumption.

The decline in residual fuel oil use was associated with ongoing reductions in demand for the product by its most important consumers, the electric-power utilities and large industrial users. This reduction in the quantity of residual fuel oil demanded resulted largely from its increasing price, especially relative to the prices of substitutable fuels, and from the increasing availability of natural gas for non-residential users. By late 1981, the prices of residual fuel oil delivered to electricity-generating plants were, in cents per million British thermal units (Btu), approximately three times the cost of coal, and one and one-half times the cost of natural gas. Retail prices of residual fuel oil averaged $33 per barrel in 1981, up $7 (27 percent) from the previous year. (Ref. 1)

Developments in Petroleum Supply

The decline in U.S. petroleum consumption in 1981 was accompanied by stable domestic crude oil production, reduced domestic refinery operations, ample supplies of foreign petroleum, and a sharp decline in petroleum imports.

Crude Oil. U.S. crude oil production has been essentially constant over the 1979-1981 period at 8.6 million barrels per day. Largely as a result of phased Federal decontrol of the price of crude oil beginning in April 1979, both exploratory and developmental drilling have increased dramatically over the last 3 years. This increase halted an annual decline in production in the lower 48 states that averaged 300 thousand barrels per day through the middle 1970s. In addition to increased drilling, the success ratio (i.e. the number of successful wells drilled as a percent of all wells drilled) increased slightly during this period. This resulted primarily from the increased drilling of development wells, including more intensive drilling of old fields.

Drilling Activity

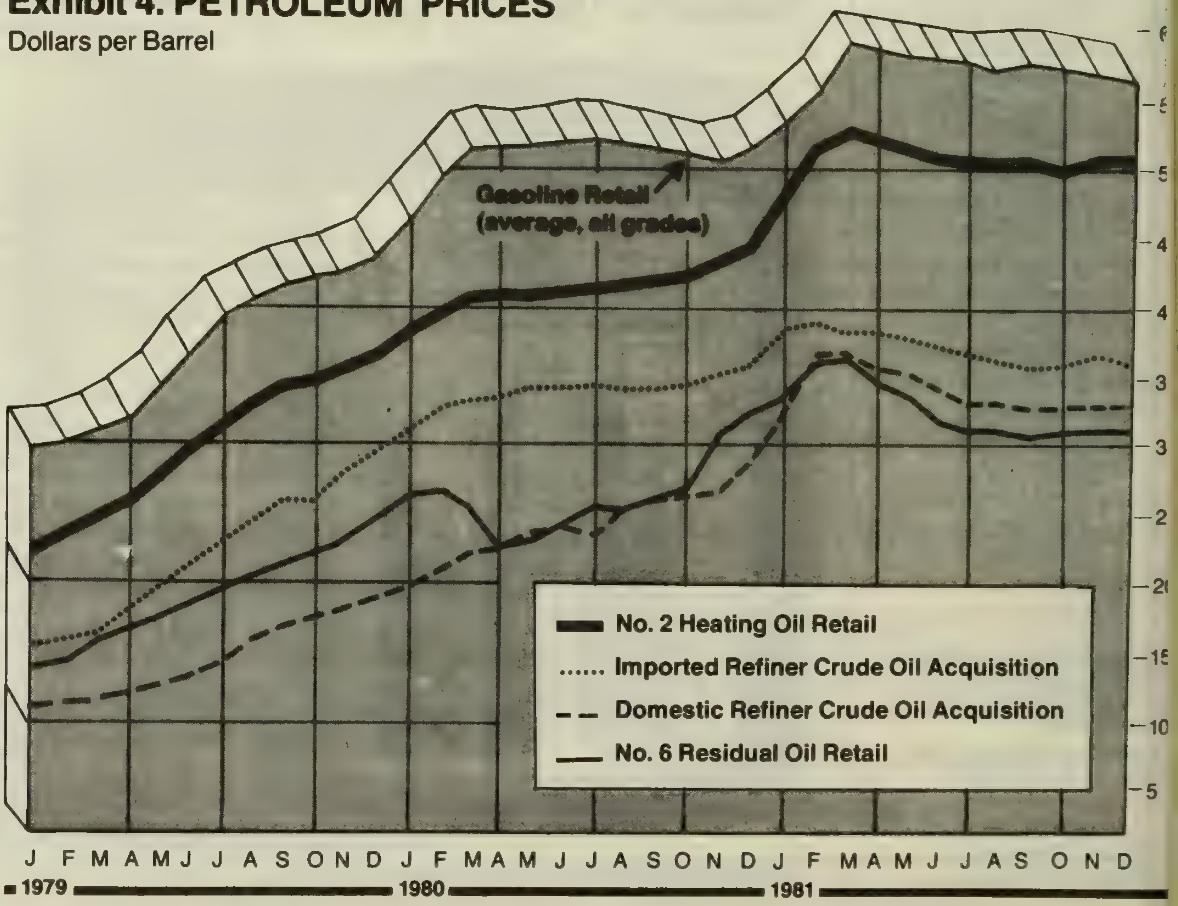
	1979	1980	1981
Average Number of Rigs Operating	2,177	2,909	3,970
Total Wells Drilled	49,816	60,845	78,538
Exploratory Wells	10,484	11,916	15,168
Development Wells	39,332	48,929	63,370
Oil Wells	19,383	27,026	37,671
Gas Wells	14,681	15,730	17,894
Dry Holes	15,752	18,089	22,973
Average Depth per Well (feet)	4,791	4,675	4,602

Sources: *Hughes Tool Company "Rotary Rigs Running—By State" and API, "Quarterly Review of Drilling Statistics for the U.S."*

Refinery Operations. The utilization of total operable refinery capacity dropped from 85 percent in 1979 to 69 percent in 1981, associated with a 15 percent decline in crude oil input to refineries. According to final EIA figures, the proportion of operable capacity that was idle increased from 4 percent (0.6 million barrels per day) in January 1981 to 10 percent (1.5 million barrels per day) in December 1981, averaging about 7 percent for the year. This decline in refinery utilization responds to the declining demand for petroleum products discussed earlier.

Exhibit 4. PETROLEUM PRICES

Dollars per Barrel

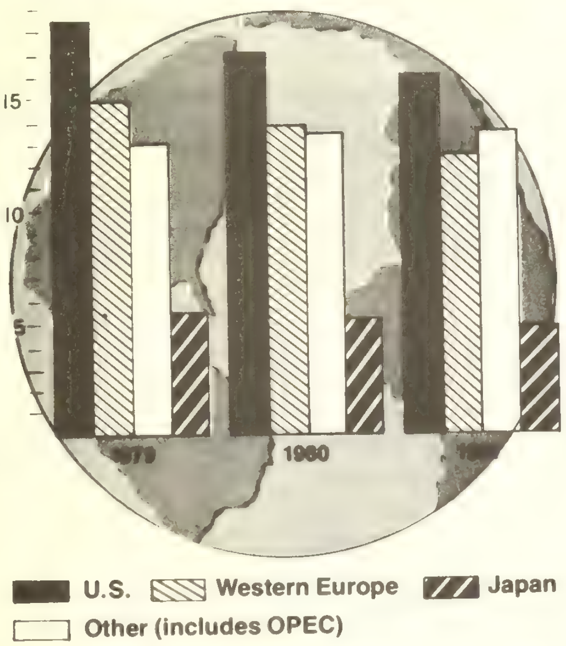


Source: *Monthly Energy Review*

The full decontrol of domestic crude oil prices in January 1981 permitted the refiner acquisition cost of crude oil to rise almost to the cost of imported crude. (See Exhibit 4.) Petroleum product prices rose through March 1981. Since March, however, the slack demand for petroleum products put downward pressure on all prices.

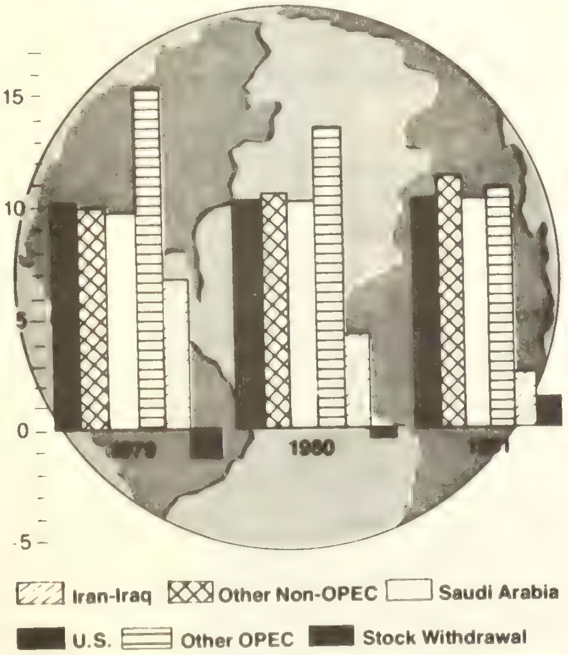
Exhibit 5. WOCA[1] PETROLEUM CONSUMPTION

Million Barrels per Day



WOCA[1] PETROLEUM PRODUCTION AND STOCK WITHDRAWAL

Million Barrels per Day



Stocks. By the end of 1981, domestic petroleum stocks, excluding the Strategic Petroleum Reserve (SPR), were 1.3 billion barrels, 5 percent less than at the end of 1980. Both crude oil stocks and petroleum product stocks decreased. When the SPR stocks are included, however, total domestic stocks show a 4 percent increase to 1.5 billion barrels.

The most significant change in domestic petroleum stocks was the large growth in SPR stocks in 1981. These stocks grew to 230 million barrels, more than twice the 1980 levels. The growth in SPR stocks of 336 thousand barrels per day countered the stock drawdown of 176 thousand barrels per day of private petroleum stocks. The 1981 ending stock level at the SPR represented about 56 days of non-SPR crude oil imports at the 1981 rate, up from 21 days at the end of 1980.

International Petroleum Supplies. In 1981, there were ample worldwide supplies of petroleum at the prevailing prices. The principal reasons were (a) a marked worldwide reduction in consumption, (b) a high rate of petroleum production by several countries, and (c) a large stock drawdown that occurred in most of the free world, with the notable exception of the United States.

(a) Total petroleum consumption in the world outside Communist areas (WOCA) declined from 52 million barrels per day in 1979 to an estimated 47 million barrels per day in 1981, a reduction of about 10 percent. (See Exhibit 5.) There were many reasons for this decline, principal among these being large price increases since 1978 and a sluggish world economy. In 1979, the price of foreign crude oil nearly doubled, from approximately $15 per barrel in December 1978, to approximately $29 in December 1979.

(b) A major contributor to the ample worldwide supply of petroleum in 1981 was the high level of crude oil production by the United States, other non-OPEC countries, and Saudi Arabia. (See Exhibit 5.) In the face of a worldwide reduction in petroleum consumption, the non-OPEC countries increased production substantially.

(c) As noted earlier, in 1981 the U.S. had a net increase in total petroleum stocks of 160 thousand barrels per day because of the 336 thousand barrels per day increase in SPR stocks. This contrasts with the estimated stock drawdown of 1 million barrels per day by the rest of the WOCA. The WOCA stock drawdown reduced the need for crude oil production in 1981. The drawdown was associated with high interest rates, which increased the cost of holding stocks.

[1] World Outside Communist Areas

Source: EIA, International Energy Branch

Imports. Despite the ample worldwide supplies of petroleum, net U.S. petroleum imports averaged 5.4 million barrels per day in 1981, down 33 percent from 1979. Of this amount, net crude oil imports averaged 4.2 million barrels per day in 1981, down 34 percent. Net imports of petroleum products averaged 1.2 million barrels per day in 1981, down 26 percent. All of the declines in product imports occurred in residual fuel oil, distillate fuel oil, and motor gasoline.

Conclusion

In 1981, the United States reduced its consumption of petroleum by over one million barrels per day. This was the third consecutive year that U.S. consumption dropped. Due to stable U.S. petroleum production and a modest petroleum product stock decrease, the drop in consumption resulted in a matching drop in imports.

Among the reasons for the reduced petroleum consumption were the continued effects of repeated large increases in petroleum prices and a sluggish economy. The effects of petroleum price increases included improvements in the fuel efficiencies of petroleum-consuming equipment, consumer switching to less expensive alternative fuels, and petroleum conservation in general. The 1981 drop in consumption was greatest in motor gasoline and residual fuel oil. The reduction in petroleum consumption was large enough that the ratio of petroleum consumption to the Gross National Product (in constant dollars) continued its decline. The drop in petroleum consumption also resulted in a large drop in U.S. refinery capacity utilization.

Domestic crude oil production remained constant for the third consecutive year in part due to greatly increased drilling by the petroleum industry, responding to the phased decontrol of crude oil prices.

Domestic petroleum stocks grew 4 percent in 1981 because of the doubling of the SPR. The growth of SPR stocks overwhelmed a drawdown of other petroleum stocks.

International supplies of petroleum were ample in 1981. Nevertheless, because of reduced petroleum consumption in the United States, U.S. imports of crude oil and petroleum products dropped dramatically below the levels of 1979 and 1980.

1981 was a year during which additions to the SPR improved our ability to respond to petroleum supply disruptions. Moreover, reduced domestic consumption and stable domestic production enabled us further to reduce our dependence on imported petroleum.

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Historical Statistics

Crude Oil[1] and Petroleum Products Overview

		Field Production			Stock Withdrawal[2]			Ending Stocks[3]
		Total Domestic[4]	Crude Oil	Natural Gas Plant Production	Crude Oil[5]	Petroleum Products	Petroleum Products Supplied	Crude Oil[5] and Petroleum Products
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**10,975**	**9,208**	**1,738**	**11**	**-146**	**17,308**	**1,008**
1974	**AVERAGE**	**10,498**	**8,774**	**1,688**	**-62**	**-117**	**16,653**	**1,074**
1975	**AVERAGE**	**10,045**	**8,375**	**1,633**	**-17**	**-145**	**16,322**	**1,133**
1976	**AVERAGE**	**9,774**	**8,132**	**1,603**	**-39**	**96**	**17,461**	**1,112**
1977	**AVERAGE**	**9,913**	**8,245**	**1,618**	**-170**	**-378**	**18,431**	**1,312**
1978	**AVERAGE**	**10,328**	**8,707**	**1,567**	**-78**	**172**	**18,847**	**1,278**
1979	**AVERAGE**	**10,179**	**8,552**	**1,584**	**-148**	**-25**	**18,513**	**1,341**
1980	January	10,377	8,675	1,648	-594	270	18,851	1,351
	February	10,402	8,705	1,656	-292	563	18,817	1,343
	March	10,303	8,698	1,568	-47	-99	17,377	1,348
	April	10,356	8,685	1,630	-412	-229	16,784	1,367
	May	10,298	8,635	1,615	-117	-520	16,238	1,387
	June	10,164	8,554	1,561	65	-869	16,187	1,411
	July	10,113	8,547	1,524	88	-556	16,008	1,425
	August	9,974	8,414	1,519	-274	-473	15,753	1,449
	September	10,184	8,619	1,515	307	-259	16,598	1,447
	October	10,092	8,532	1,516	-191	756	16,995	1,430
	November	10,109	8,495	1,571	-8	-84	16,702	1,432
	December	10,204	8,606	1,560	304	993	18,410	1,392
	AVERAGE	**10,214**	**8,597**	**1,573**	**-98**	**-42**	**17,056**	
1981	January	10,231	8,540	1,652	50	1,159	18,430	1,388
	February	10,294	8,604	1,653	-278	250	16,989	1,389
	March	10,272	8,613	1,624	-632	224	15,907	1,401
	April	10,195	8,557	1,599	-595	148	15,350	1,415
	May	10,160	8,501	1,593	-391	-374	15,353	1,438
	June	10,287	8,629	1,594	-135	406	16,095	1,430
	July	10,098	8,500	1,548	-360	91	15,682	1,439
	August	10,243	8,583	1,614	397	-999	15,263	1,457
	September	10,281	8,604	1,612	-285	-341	15,655	1,476
	October	10,225	8,563	1,598	-760	477	15,822	1,485
	November	10,269	8,586	1,630	-325	-233	15,593	1,501
	December	10,220	8,585	1,590	-170	745	16,596	1,484
	AVERAGE	**10,230**	**8,572**	**1,609**	**-290**	**130**	**16,058**	

[1] Includes lease condensate.
[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.
[3] Ending stocks for 1973-1979 are totals as of December 31.
[4] Includes crude oil, natural gas plant production, other hydrocarbons and alcohol.
[5] Includes stocks located in the Strategic Petroleum Reserve.
Totals may not equal sum of components due to independent rounding.
NA = Not available.

Note: Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.
Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.
Sources: See "Sources" at the end of this section.

Crude Oil[1] and Petroleum Products Overview (continued)

		Imports[2]			Exports[3]			
		Total	Crude Oil[4]	Petroleum Products	Total	Crude Oil	Petroleum Products	Net[5] Imports
		Thousand Barrels per Day						
1973	**AVERAGE**	**6,256**	**3,244**	**3,012**	**231**	**2**	**229**	**6,025**
1974	**AVERAGE**	**6,112**	**3,477**	**2,635**	**221**	**3**	**218**	**5,892**
1975	**AVERAGE**	**6,056**	**4,105**	**1,951**	**209**	**6**	**204**	**5,846**
1976	**AVERAGE**	**7,313**	**5,287**	**2,026**	**223**	**8**	**215**	**7,090**
1977	**AVERAGE**	**8,807**	**6,615**	**2,193**	**243**	**50**	**193**	**8,565**
1978	**AVERAGE**	**8,363**	**6,356**	**2,008**	**362**	**158**	**204**	**8,002**
1979	**AVERAGE**	**8,456**	**6,519**	**1,937**	**472**	**235**	**237**	**7,984**
1980	January	8,598	6,406	2,192	550	322	228	8,048
	February	7,945	6,013	1,931	558	332	227	7,386
	March	7,452	5,695	1,757	573	330	243	6,879
	April	7,106	5,598	1,508	434	192	241	6,672
	May	6,579	5,106	1,472	591	326	266	5,987
	June	6,894	5,480	1,414	654	365	289	6,240
	July	6,257	4,843	1,414	531	238	293	5,727
	August	6,192	4,803	1,389	319	78	241	5,873
	September	6,239	4,707	1,532	557	322	235	5,682
	October	6,379	4,768	1,611	598	309	288	5,781
	November	6,408	4,680	1,728	549	289	260	5,858
	December	6,894	5,082	1,812	622	343	279	6,272
	AVERAGE	**6,909**	**5,263**	**1,646**	**544**	**287**	**258**	**6,365**
1981	January	6,827	4,932	1,895	558	339	219	6,270
	February	6,772	4,873	1,899	569	198	371	6,203
	March	6,028	4,521	1,507	586	210	376	5,442
	April	5,668	4,338	1,330	570	198	372	5,098
	May	5,775	4,287	1,489	595	312	283	5,180
	June	5,435	4,061	1,375	420	123	297	5,015
	July	5,816	4,296	1,521	571	257	314	5,245
	August	5,767	4,179	1,588	644	204	440	5,123
	September	6,365	4,740	1,624	519	194	325	5,845
	October	5,959	4,380	1,579	738	226	512	5,221
	November	5,741	4,046	1,695	701	278	423	5,041
	December	5,843	4,137	1,706	656	189	467	5,187
	AVERAGE	**5,996**	**4,396**	**1,599**	**595**	**228**	**367**	**5,401**

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[1] Includes lease condensate.
[2] Includes shipments from United States possessions and territories.
[3] Includes shipments to United States possessions and territories.
[4] Includes crude oil for storage in the Strategic Petroleum Reserve.
[5] Net Imports = Imports minus Exports.

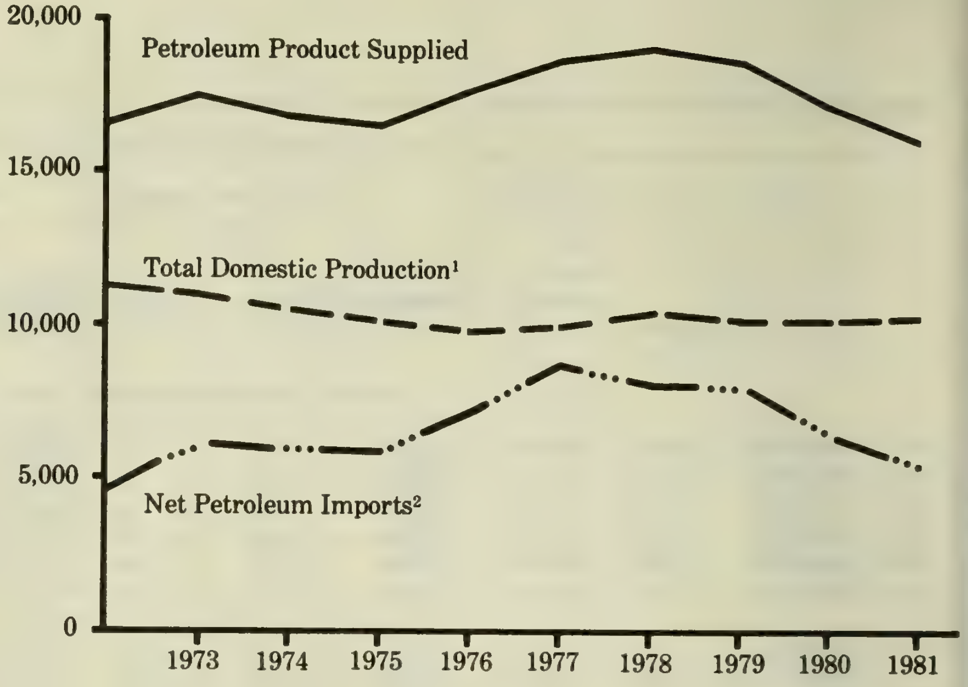
Totals may not equal sum of components due to independent rounding.

NA = Not available.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Petroleum Overview, Annual
(Thousand Barrels per Day)

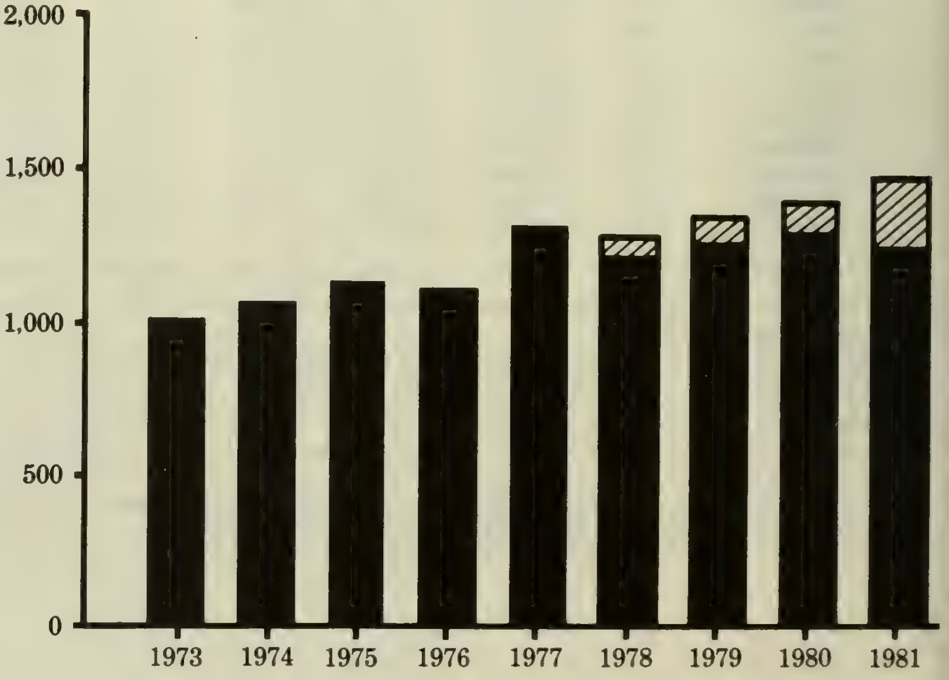


[1] Includes crude oil and natural gas plant production.

[2] Includes SPR imports.

Source table: "Crude Oil and Petroleum Products Overview."

Crude Oil and Petroleum Products Ending Stocks, Annual
(Millions of Barrels)



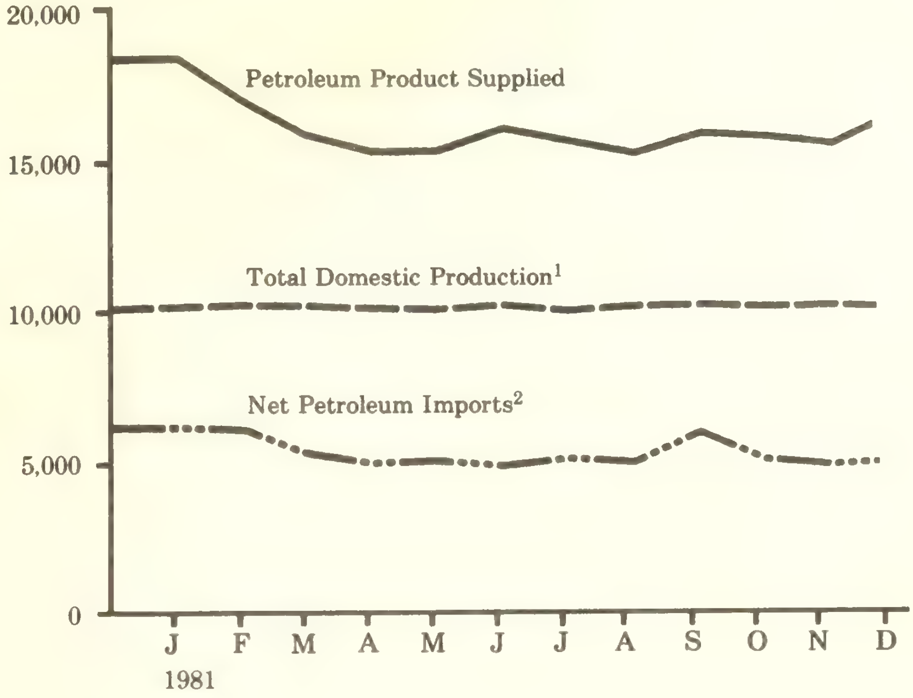
Legend

▨ SPR Crude Oil

■ Crude Oil and Petroleum Products, Excluding SPR

Source tables: "Crude Oil and Petroleum Products Overview" and "Crude Oil Supply and Disposition."

Petroleum Overview, Monthly
(Thousand Barrels per Day)

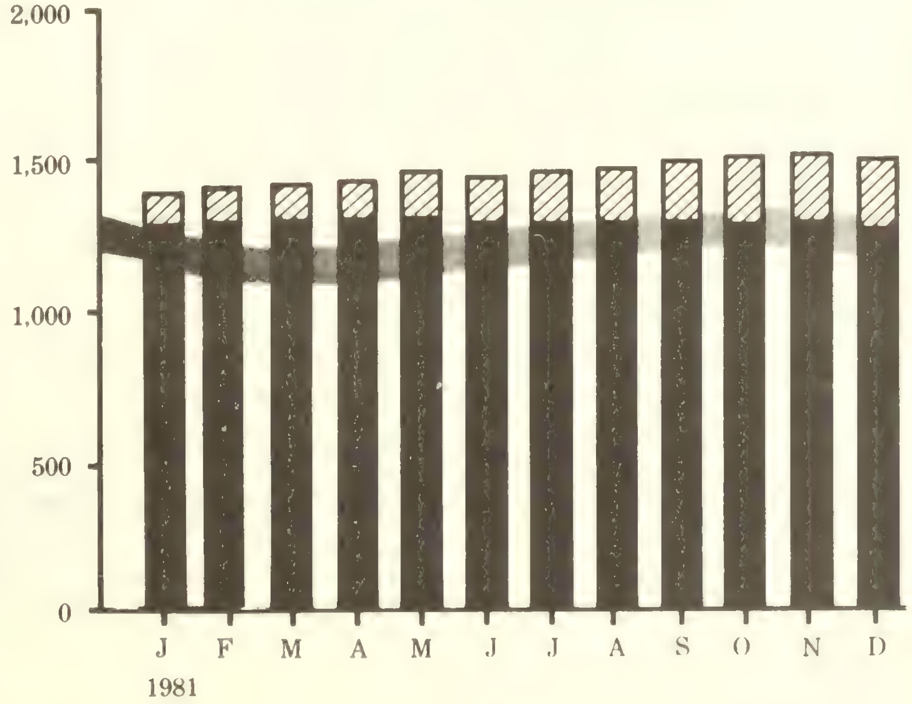


[1] Includes crude oil and natural gas plant production.

[2] Includes SPR imports.

Source table: "Crude Oil and Petroleum Products Overview."

Crude Oil and Petroleum Product Ending Stocks, Monthly
(Millions of Barrels)



Legend

▨ SPR Crude Oil

■ Crude Oil and Petroleum Products, Excluding SPR

■ Average Stock Range[1]

[1] Average stock range (excluding SPR) based on 3 years of data. See Explanatory Note 2.5.

Source tables: "Crude Oil and Petroleum Products Overview" and "Crude Oil Supply and Disposition."

Crude Oil[1] Supply and Disposition

		Supply						
		Field Production		Imports[2]			Stock Withdrawal[3]	
		Total Domestic	Alaskan	Total	SPR[4]	Other	SPR[4]	Other
		Thousand Barrels per Day						
1973	AVERAGE	9,208	198	3,244		3,244		11
1974	AVERAGE	8,774	193	3,477		3,477		-62
1975	AVERAGE	8,375	191	4,105		4,105		-17
1976	AVERAGE	8,132	173	5,287		5,287		-39
1977	AVERAGE	8,245	464	6,615	21	6,594	-20	-150
1978	AVERAGE	8,707	1,229	6,356	162	6,195	-163	84
1979	AVERAGE	8,552	1,401	6,519	67	6,452	-67	-81
1980	January	8,675	1,634	6,406	0	6,406	0	-594
	February	8,705	1,630	6,013	0	6,013	0	-292
	March	8,698	1,647	5,695	0	5,695	0	-47
	April	8,685	1,649	5,598	0	5,598	0	-412
	May	8,635	1,627	5,106	0	5,106	0	-117
	June	8,554	1,626	5,480	0	5,480	0	65
	July	8,547	1,612	4,843	0	4,843	0	88
	August	8,414	1,612	4,803	0	4,803	0	-274
	September	8,619	1,610	4,707	54	4,653	-54	361
	October	8,532	1,588	4,768	131	4,637	-123	-68
	November	8,495	1,561	4,680	142	4,538	-189	181
	December	8,606	1,602	5,082	198	4,884	-177	481
	AVERAGE	8,597	1,617	5,263	44	5,219	-45	-52
1981	January	8,540	1,606	4,932	106	4,826	-151	201
	February	8,604	1,619	4,873	80	4,793	-127	-150
	March	8,613	1,618	4,521	140	4,382	-155	-477
	April	8,557	1,608	4,338	272	4,066	-444	-151
	May	8,501	1,580	4,287	386	3,901	-513	122
	June	8,629	1,632	4,061	318	3,743	-434	299
	July	8,500	1,605	4,296	175	4,121	-324	-36
	August	8,583	1,602	4,179	257	3,922	-372	769
	September	8,604	1,607	4,740	435	4,305	-486	201
	October	8,563	1,596	4,380	453	3,927	-501	-259
	November	8,586	1,614	4,046	271	3,774	-259	-66
	December	8,585	1,623	4,137	165	3,971	-252	82
	AVERAGE	8,572	1,609	4,396	256	4,141	-336	46

[1] Includes lease condensate.

[2] Includes shipments from United States possessions and territories.

[3] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[4] Strategic Petroleum Reserve.

Totals may not equal sum of components due to independent rounding.

NA = Not available.

Note: Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Crude Oil[1] Supply and Disposition (continued)

		Supply (Continued)		Disposition		Ending Stocks[2]		
		Unac-counted for Crude Oil	Crude Used Directly and Losses	Refinery Inputs	Exports[3]	Total Crude Oil	SPR[4]	Other Primary
		Thousand Barrels per Day				Millions of Barrels		
1973	**AVERAGE**	**3**	**-32**	**12,431**	**2**	**242**		**242**
1974	**AVERAGE**	**-25**	**-28**	**12,133**	**3**	**265**		**265**
1975	**AVERAGE**	**17**	**-30**	**12,442**	**6**	**271**		**271**
1976	**AVERAGE**	**77**	**-33**	**13,416**	**8**	**285**		**285**
1977	**AVERAGE**	**-6**	**-30**	**14,602**	**50**	**348**	**7**	**340**
1978	**AVERAGE**	**-57**	**-30**	**14,739**	**158**	**376**	**67**	**309**
1979	**AVERAGE**	**-11**	**-29**	**14,648**	**235**	**430**	**91**	**339**
1980	January	166	-31	14,301	322	449	91	358
	February	124	-31	14,187	332	457	91	366
	March	-278	-30	13,709	330	459	91	367
	April	-165	-29	13,484	192	471	91	380
	May	55	-28	13,326	326	475	91	383
	June	1	-30	13,705	365	473	91	381
	July	52	-29	13,264	238	470	91	379
	August	147	-28	12,984	78	478	91	387
	September	27	-26	13,313	322	469	93	376
	October	-3	-25	12,772	309	475	97	379
	November	266	-26	13,119	289	475	102	373
	December	24	-26	13,648	343	466	108	358
	AVERAGE	**34**	**-28**	**13,481**	**287**			
1981	January	113	-49	13,247	339	486	112	374
	February	-41	-58	12,902	198	494	116	378
	March	154	-63	12,383	210	514	121	393
	April	51	-62	12,091	198	532	134	397
	May	286	-62	12,309	312	544	150	394
	June	49	-65	12,415	123	548	163	385
	July	147	-65	12,261	257	559	173	386
	August	16	-63	12,908	204	547	185	362
	September	-295	-65	12,505	194	555	199	356
	October	166	-66	12,057	226	579	215	364
	November	279	-68	12,240	278	589	223	366
	December	52	-67	12,349	189	594	230	363
	AVERAGE	**83**	**-63**	**12,470**	**228**			

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[1] Includes lease condensate.
[2] Ending stocks for 1973-1979 are totals as of December 31.
[3] Includes shipments to United States possessions and territories.
[4] Strategic Petroleum Reserve.

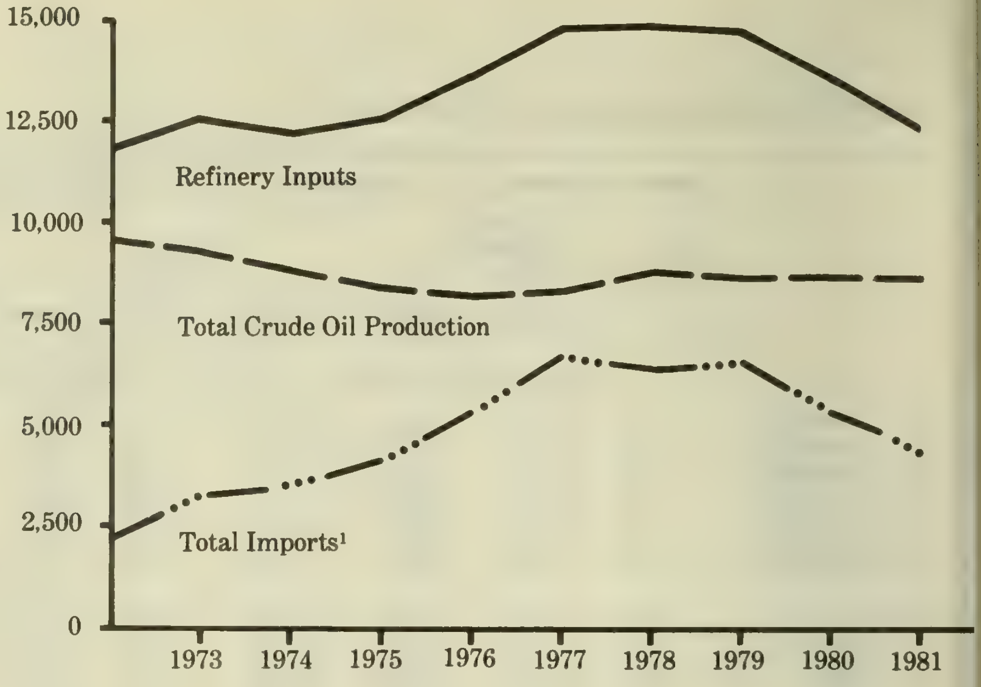
Totals may not equal sum of components due to independent rounding.
NA = Not available.

Note: Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Crude Oil Supply and Disposition, Annual
(Thousand Barrels per Day)



[1] Includes SPR imports.

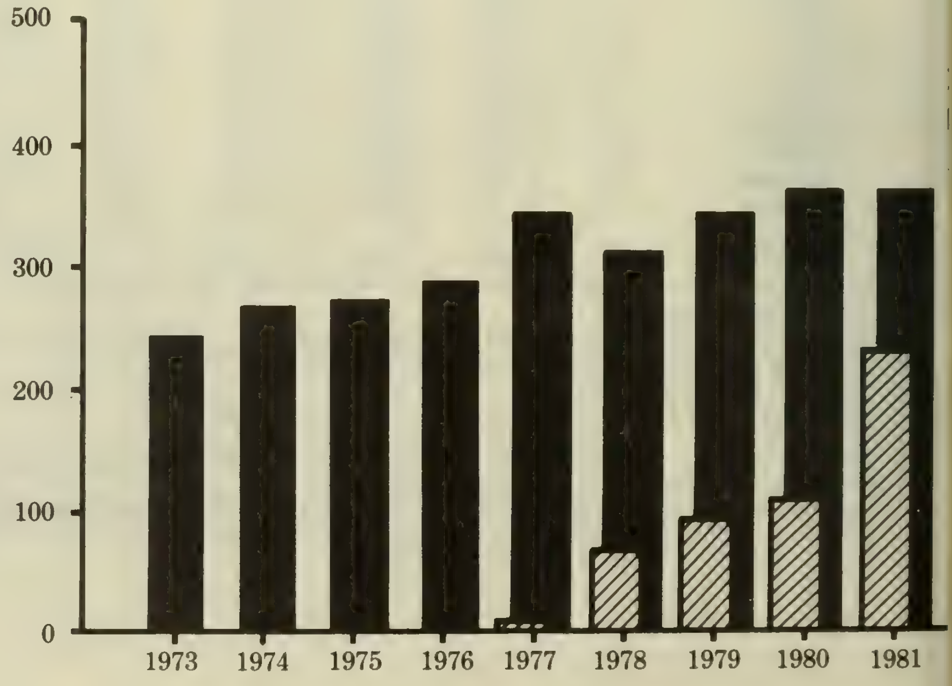
Source table: "Crude Oil Supply and Disposition."

Crude Oil Ending Stocks, Annual
(Millions of Barrels)

Legend

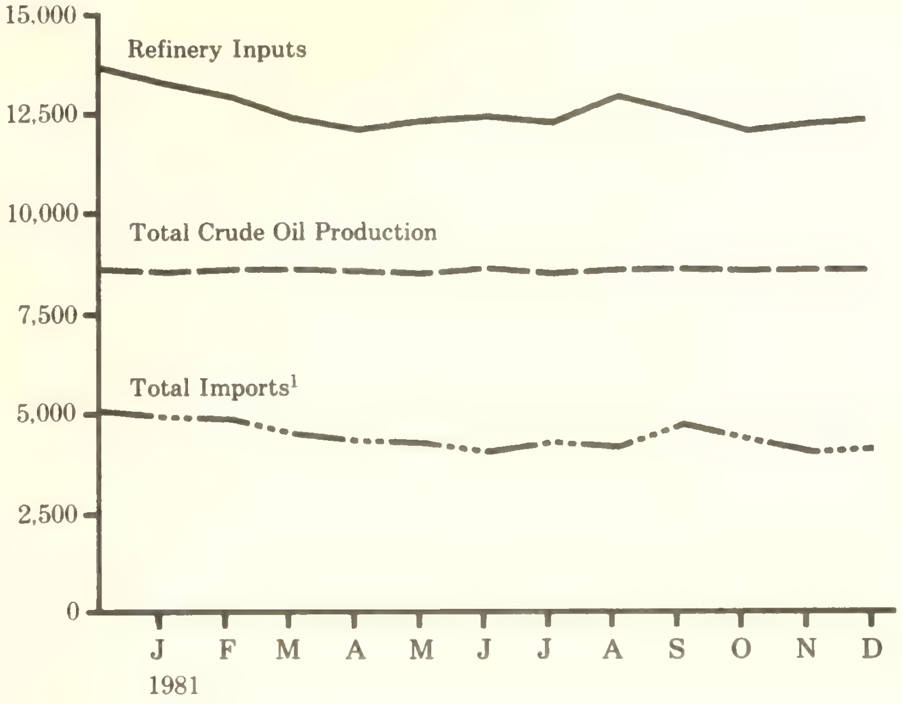
▨ SPR

■ Other Primary



Source table: "Crude Oil Supply and Disposition."

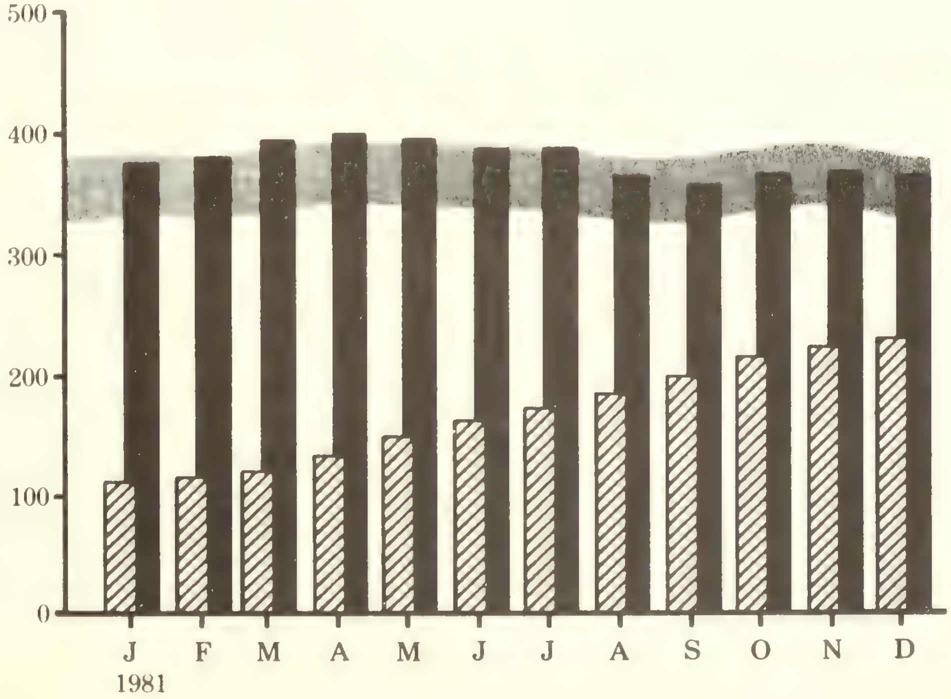
Crude Oil Supply and Disposition, Monthly
(Thousand Barrels per Day)



[1] Includes SPR imports.

ource table: "Crude Oil Supply and isposition."

Crude Oil Ending Stocks, Monthly
(Millions of Barrels)



egend

▨ SPR

■ Other Primary

▒ Average Stock Range[1]

[1] Average stock range (excluding SPR) ased on 3 years of data. See xplanatory Note 2.5.

ource table: "Crude Oil Supply and isposition."

Finished Motor Gasoline Supply and Disposition

		Supply			Disposition				Ending Stocks[1]	
						Product Supplied				
		Total Production	Imports[2]	Stock Withdrawal[2] [3]	Exports	Total	Unleaded[5]	Unleaded	Total Motor Gasoline[4]	Finished Motor Gasoline
		Thousand Barrels per Day						Percent of Total	Millions of Barrels	
1973	**AVERAGE**	**6,535**	**134**	**9**	**4**	**6,674**	**NA**	**NA**	**209**	
1974	**AVERAGE**	**6,360**	**204**	**-24**	**2**	**6,537**	**NA**	**NA**	**218**	
1975	**AVERAGE**	**6,520**	**184**	**-28**	**2**	**6,675**	**NA**	**NA**	**235**	
1976	**AVERAGE**	**6,841**	**131**	**10**	**3**	**6,978**	**NA**	**NA**	**231**	
1977	**AVERAGE**	**7,033**	**217**	**-72**	**2**	**7,177**	**1,976**	**27.5**	**258**	
1978	**AVERAGE**	**7,169**	**190**	**54**	**1**	**7,412**	**2,521**	**34.0**	**238**	
1979	**AVERAGE**	**6,852**	**181**	**2**	(s)	**7,034**	**2,798**	**39.8**	**237**	
1980	January	6,991	141	-809	1	6,323	2,718	43.0	262	
	February	6,866	154	-423	(s)	6,596	2,969	45.0	275	
	March	6,519	155	-267	(s)	6,406	3,032	47.3	283	
	April	6,284	155	362	1	6,800	3,021	44.4	272	
	May	6,316	132	283	1	6,729	2,980	44.3	263	
	June	6,569	148	-59	1	6,657	3,099	46.6	265	
	July	6,465	149	-132	3	6,743	3,131	46.4	261	
	August	6,452	141	56	1	6,648	3,135	47.2	259	
	September	6,383	106	28	7	6,510	3,054	46.9	258	
	October	6,131	152	380	1	6,662	3,110	46.7	247	
	November	6,467	126	-359	(s)	6,234	3,123	50.1	257	
	December	6,644	121	-133	1	6,632	3,421	51.6	261	
	AVERAGE	**6,506**	**140**	**-66**	**1**	**6,579**	**3,067**	**46.6**		
1981	January	6,715	138	-421	(s)	6,431	3,141	48.8	276	227
	February	6,308	111	-118	1	6,301	3,095	49.1	284	230
	March	6,213	171	-81	(s)	6,303	3,097	49.1	285	232
	April	6,114	186	303	(s)	6,602	3,284	49.7	272	223
	May	6,122	150	344	1	6,615	3,115	47.1	259	213
	June	6,220	186	622	1	7,028	3,419	48.6	242	194
	July	6,405	151	268	(s)	6,823	3,424	50.2	228	186
	August	6,611	124	-95	3	6,637	3,344	50.4	233	189
	September	6,564	169	-70	2	6,662	3,338	50.1	237	191
	October	6,426	147	7	3	6,578	3,257	49.5	236	190
	November	6,564	148	-338	1	6,373	3,198	50.2	248	201
	December	6,586	197	-91	11	6,681	3,444	51.5	253	203
	AVERAGE	**6,405**	**157**	**28**	**2**	**6,588**	**3,264**	**49.5**		

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[1] Ending stocks for 1973-1979 are totals as of December 31.

[2] Beginning in 1981 excludes blending components.

[3] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[4] Includes motor gasoline blending components.

[5] Includes gasohol.

Totals may not equal sum of components due to independent rounding.

(s) = Less than 500 barrels. NA = Not available.

Notes: Beginning in January 1981, the Energy Information Administration modified survey forms, definitions, and processing procedures. See Explanatory Note 4 on Changes for the effects on motor gasoline statistics.

Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

istillate Fuel Oil Supply and Disposition

		Supply				Disposition		Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Crude Used Directly	Exports	Product Supplied	
		Thousand Barrels per Day						Millions of Barrels
973	**AVERAGE**	**2,822**	**392**	**-115**	**2**	**9**	**3,092**	**196**
974	**AVERAGE**	**2,669**	**289**	**-9**	**2**	**2**	**2,948**	**200**
975	**AVERAGE**	**2,654**	**155**	**40**	**2**	**1**	**2,851**	**209**
976	**AVERAGE**	**2,924**	**146**	**62**	**1**	**1**	**3,133**	**186**
977	**AVERAGE**	**3,278**	**250**	**-176**	**1**	**1**	**3,352**	**250**
978	**AVERAGE**	**3,167**	**173**	**93**	**1**	**3**	**3,432**	**216**
979	**AVERAGE**	**3,153**	**193**	**-34**	**1**	**3**	**3,311**	**229**
980	January	3,014	179	526	1	7	3,714	212
	February	2,766	237	716	1	8	3,712	192
	March	2,558	193	445	1	19	3,179	178
	April	2,461	154	21	2	2	2,635	177
	May	2,474	126	-199	1	1	2,402	183
	June	2,647	108	-439	1	(s)	2,317	197
	July	2,690	117	-557	2	3	2,249	214
	August	2,462	77	-403	2	(s)	2,137	226
	September	2,686	101	-201	2	(s)	2,587	232
	October	2,590	115	215	1	(s)	2,920	226
	November	2,703	133	111	1	(s)	2,949	222
	December	2,891	166	556	1	(s)	3,615	205
	AVERAGE	**2,662**	**142**	**64**	**1**	**3**	**2,866**	
981	January	2,989	273	836	11	(s)	4,109	179
	February	2,809	325	246	11	17	3,373	173
	March	2,484	147	264	9	(s)	2,904	164
	April	2,418	116	-9	10	3	2,532	165
	May	2,454	179	-232	10	(s)	2,411	172
	June	2,501	225	-270	9	(s)	2,464	180
	July	2,395	179	-204	10	2	2,378	186
	August	2,656	174	-450	8	(s)	2,388	200
	September	2,610	129	-235	10	1	2,513	207
	October	2,485	119	197	9	5	2,803	201
	November	2,716	124	36	11	6	2,880	200
	December	2,856	95	277	11	26	3,212	192
	AVERAGE	**2,613**	**173**	**38**	**10**	**5**	**2,829**	

[1] Ending stocks for 1973 - 1979 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

Totals may not equal sum of components due to independent rounding.

(s) = Less than 500 barrels per day.

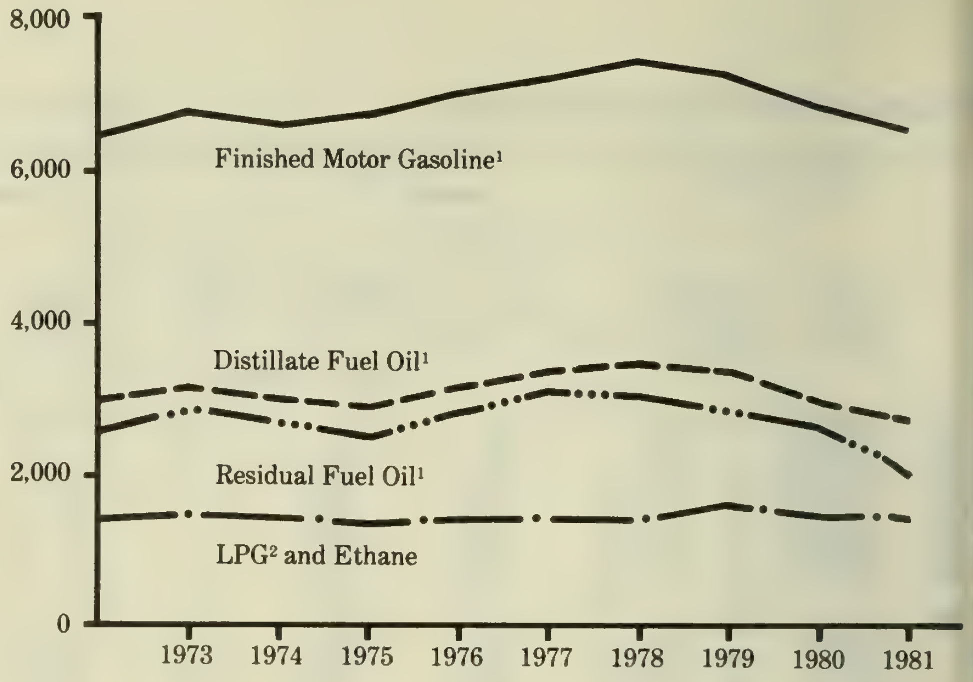
Note: Beginning in January 1981, the Energy Information Administration modified survey forms, definitions, and processing procedures. See Explanatory Note 4 on Changes for the effects on Distillate Fuel Oil statistics.

Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Products Supplied, Annual
(Thousand Barrels per Day)

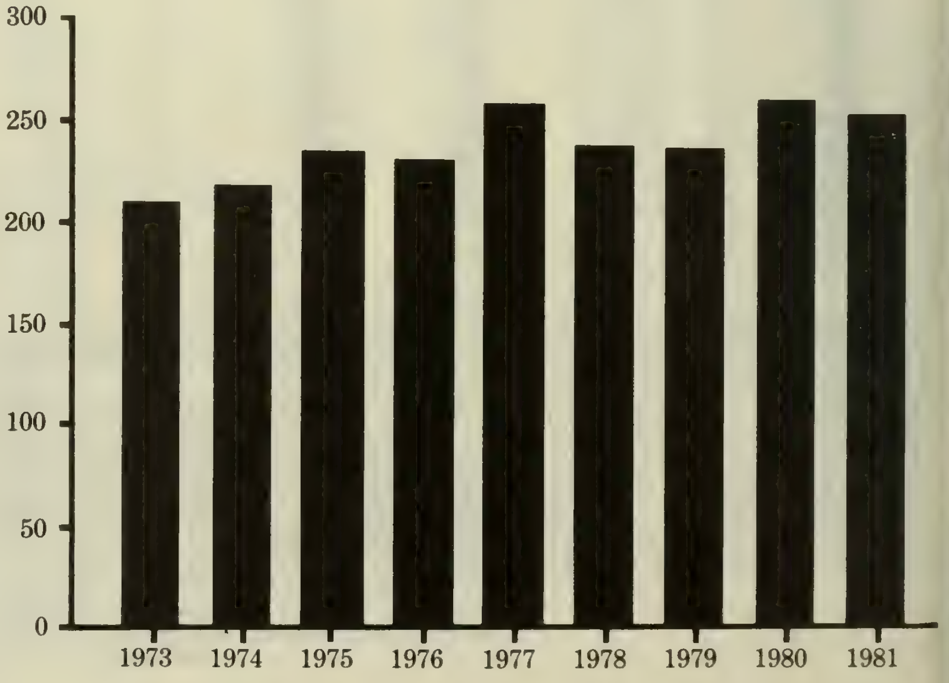


[1] Figures for 1979 and 1980 recast to account for data system changes in 1981. See Explanatory Note 4.

[2] Liquefied Petroleum Gases.

Source tables: "Finished Motor Gasoline Supply and Disposition," "Distillate Fuel Oil Supply and Disposition," "Residual Fuel Oil Supply and Disposition," "Liquefied Petroleum Gases and Ethane Supply and Disposition."

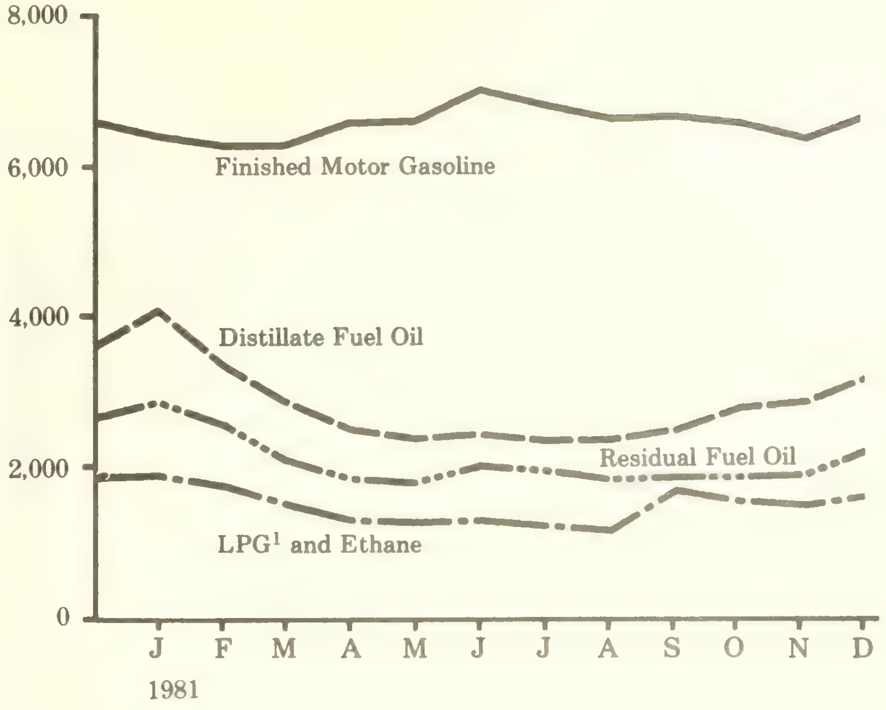
Motor Gasoline[1] Ending Stocks, Annual
(Millions of Barrels)



[1] Includes finished motor gasoline blending components.

Source table: "Finished Motor Gasoline Supply and Disposition."

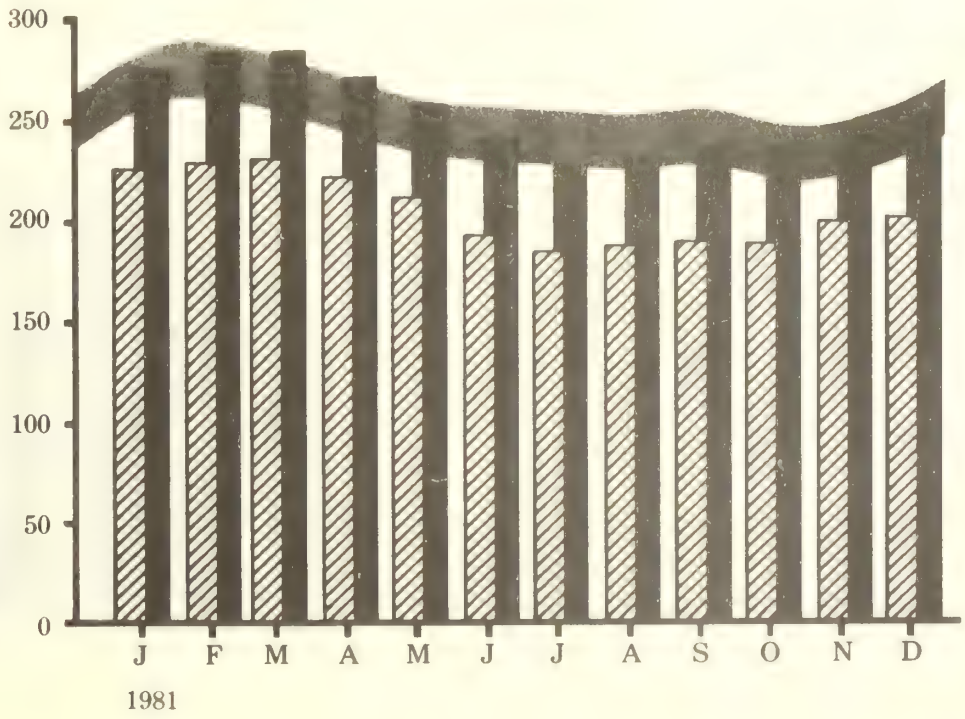
Products Supplied, Monthly
(Thousand Barrels per Day)



quefied Petroleum Gases.

urce tables: "Finished Motor soline Supply and Disposition," stillate Fuel Oil Supply and position," "Residual Fuel Oil Supply l Disposition," "Liquefied Petroleum ses and Ethane Supply and position."

Motor Gasoline Ending Stocks, Monthly
(Millions of Barrels)



gend

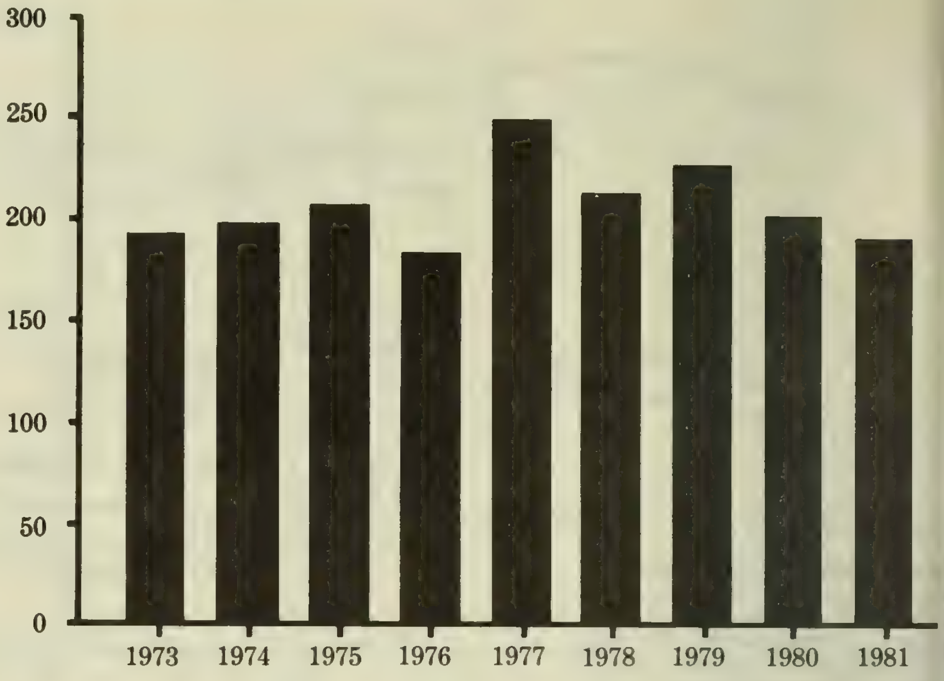
- ▇ Total Motor Gasoline[1]
- ▨ Finished Motor Gasoline
- ▇ Average Stock Range[2]

cludes finished motor gasoline nding components.

verage stock range for total motor soline based on 3 years of data. See planatory Note 2.5.

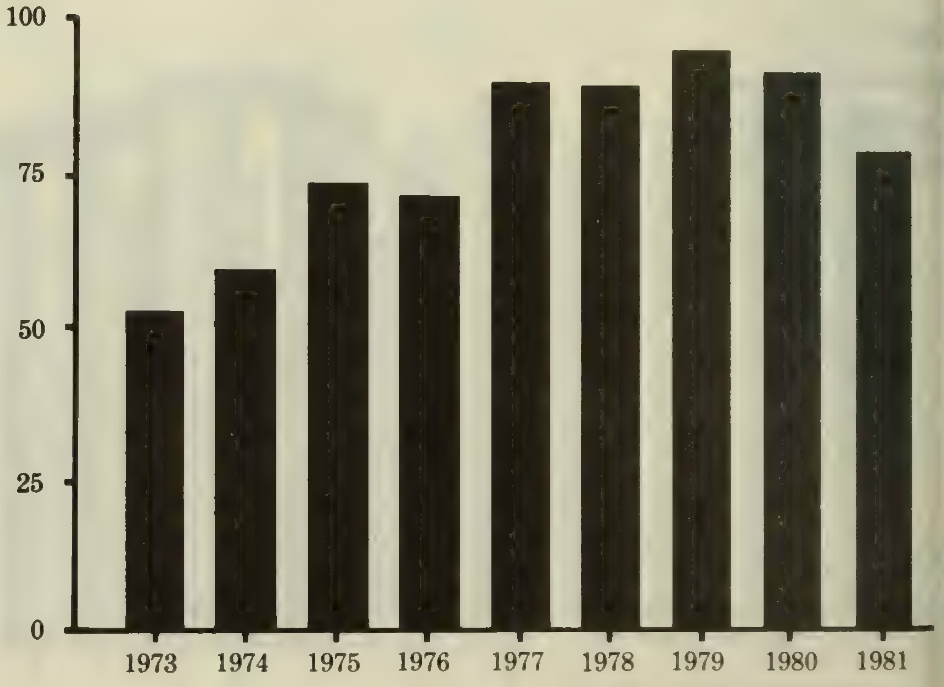
urce table: "Finished Motor Gasoline pply and Disposition."

Distillate Fuel Oil Ending Stocks, Annual
(Millions of Barrels)



Source table: "Distillate Fuel Oil Supply and Disposition."

Residual Fuel Oil Ending Stocks, Annual
(Millions of Barrels)

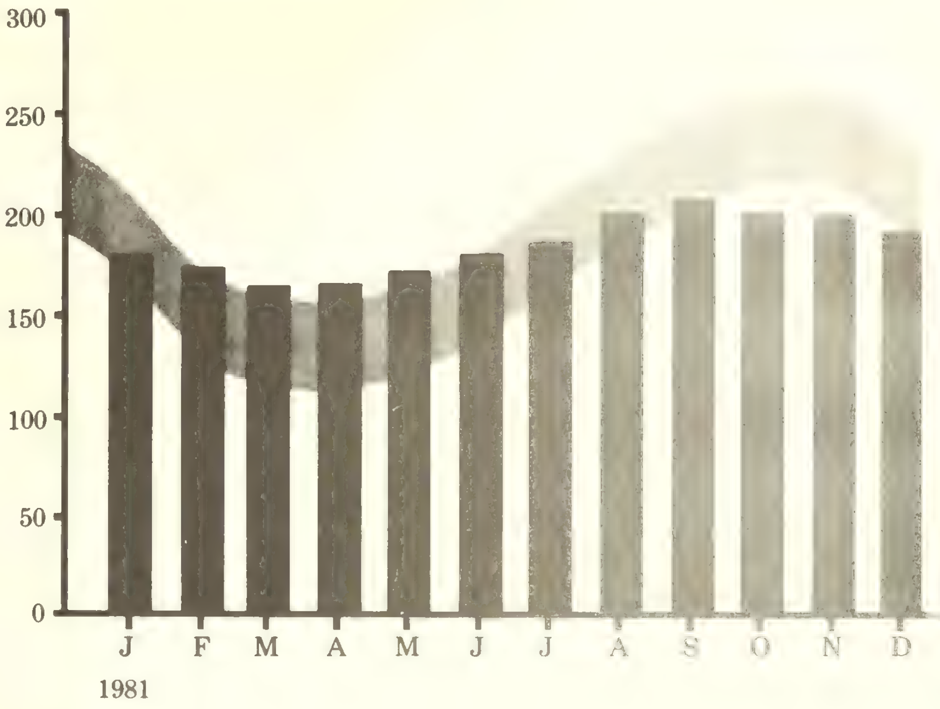


Source table: "Residual Fuel Oil Supply and Disposition."

Distillate Fuel Oil Ending Stocks, Monthly
(Millions of Barrels)

Legend

▨ Average Stock Range[1]



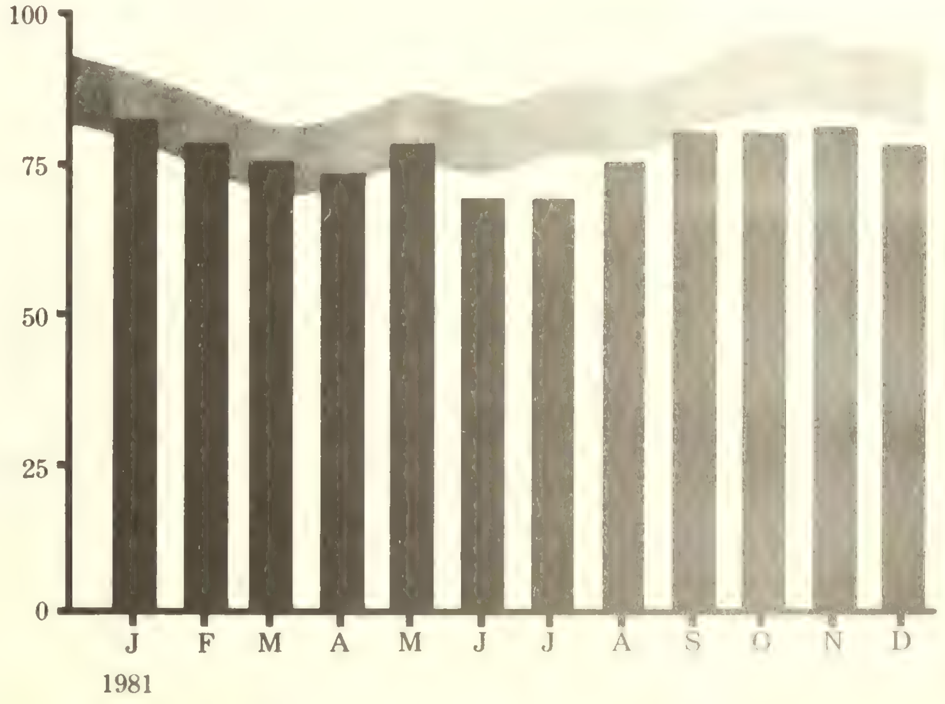
[1] Average stock range based on 3 years of data. See Explanatory Note 2.5.

Source table: "Distillate Fuel Oil Supply and Disposition."

Residual Fuel Oil Ending Stocks, Monthly
(Millions of Barrels)

Legend

▨ Average Stock Range[1]



[1] Average stock range based on 3 years of data. See Explanatory Note 2.5.

Source table: "Residual Fuel Oil Supply and Disposition."

Residual Fuel Oil Supply and Disposition

		Supply				Disposition		Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Crude Used Directly	Exports	Products Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**971**	**1,853**	**5**	**17**	**23**	**2,822**	**53**
1974	**AVERAGE**	**1,070**	**1,587**	**-17**	**13**	**14**	**2,639**	**60**
1975	**AVERAGE**	**1,235**	**1,223**	**2**	**15**	**15**	**2,462**	**74**
1976	**AVERAGE**	**1,377**	**1,413**	**5**	**17**	**12**	**2,801**	**72**
1977	**AVERAGE**	**1,754**	**1,359**	**-48**	**13**	**6**	**3,071**	**90**
1978	**AVERAGE**	**1,667**	**1,355**	**-1**	**13**	**13**	**3,023**	**90**
1979	**AVERAGE**	**1,687**	**1,151**	**-15**	**12**	**9**	**2,826**	**96**
1980	January	1,771	1,338	-51	14	5	3,067	97
	February	1,773	1,122	214	14	17	3,105	91
	March	1,584	976	87	14	2	2,658	88
	April	1,595	775	102	13	40	2,444	85
	May	1,509	812	-78	12	20	2,235	88
	June	1,575	749	-4	14	14	2,321	88
	July	1,480	787	71	13	60	2,291	86
	August	1,444	875	-43	13	2	2,286	87
	September	1,495	906	-31	10	21	2,359	88
	October	1,512	875	-100	9	70	2,227	91
	November	1,579	1,024	-74	10	88	2,451	93
	December	1,660	1,025	46	10	62	2,679	92
	AVERAGE	**1,580**	**939**	**10**	**12**	**33**	**2,508**	
1981	January	1,612	1,015	302	32	65	2,896	82
	February	1,565	954	150	44	125	2,588	78
	March	1,424	699	100	48	145	2,126	75
	April	1,320	584	66	49	151	1,868	73
	May	1,223	741	-170	49	25	1,817	78
	June	1,232	540	291	49	76	2,037	69
	July	1,174	830	2	48	82	1,971	69
	August	1,231	819	-179	50	69	1,852	75
	September	1,292	841	-176	51	126	1,882	80
	October	1,238	786	8	54	202	1,884	80
	November	1,227	880	-49	53	203	1,909	81
	December	1,329	916	110	52	157	2,250	78
	AVERAGE	**1,321**	**800**	**37**	**48**	**118**	**2,088**	

[1] Ending Stocks for 1973-1979 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

Totals may not equal sum of components due to independent rounding.

NA = Not Available.

Notes: Beginning in January 1981, the Energy Information Administration modified survey forms, definitions, and processing procedures.

See Explanatory Note 4 on changes for the effects on residual fuel oil statistics.

Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic Coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Liquefied Petroleum Gases and Ethane Supply and Disposition

		Supply			Disposition			Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Refinery Inputs	Exports	Product Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**1,600**	**132**	**-35**	**220**	**27**	**1,449**	**99**
1974	**AVERAGE**	**1,565**	**123**	**-38**	**220**	**25**	**1,406**	**113**
1975	**AVERAGE**	**1,527**	**112**	**-35**	**246**	**26**	**1,333**	**125**
1976	**AVERAGE**	**1,535**	**130**	**24**	**260**	**25**	**1,404**	**116**
1977	**AVERAGE**	**1,566**	**161**	**-55**	**233**	**18**	**1,422**	**136**
1978	**AVERAGE**	**1,537**	**123**	**12**	**239**	**20**	**1,413**	**132**
1979	**AVERAGE**	**1,556**	**217**	**70**	**236**	**15**	**1,592**	**111**
1980	January	1,560	264	461	291	30	1,963	96
	February	1,581	252	209	252	26	1,764	90
	March	1,519	214	7	211	23	1,506	90
	April	1,546	186	-339	171	19	1,203	100
	May	1,538	181	-224	182	17	1,295	107
	June	1,528	184	-319	170	18	1,205	117
	July	1,485	172	-283	209	18	1,147	126
	August	1,507	158	-296	203	17	1,149	135
	September	1,495	213	-80	228	19	1,382	137
	October	1,546	249	86	259	24	1,597	134
	November	1,549	231	82	304	23	1,535	132
	December	1,567	289	373	319	23	1,888	120
	AVERAGE	**1,535**	**216**	**-27**	**233**	**21**	**1,469**	
1981	January	1,617	306	363	352	21	1,913	117
	February	1,593	327	173	303	21	1,769	112
	March	1,551	260	-4	257	20	1,530	112
	April	1,586	214	-236	231	26	1,308	119
	May	1,587	189	-258	220	19	1,279	127
	June	1,567	206	-208	237	24	1,304	133
	July	1,507	213	-258	215	17	1,229	141
	August	1,592	195	-242	235	149	1,160	149
	September	1,622	199	-75	287	21	1,438	151
	October	1,593	287	72	320	76	1,556	149
	November	1,571	280	86	383	58	1,495	146
	December	1,468	255	379	428	50	1,624	135
	AVERAGE	**1,571**	**244**	**-18**	**289**	**42**	**1,466**	

[1] Ending stocks for 1973 - 1979 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

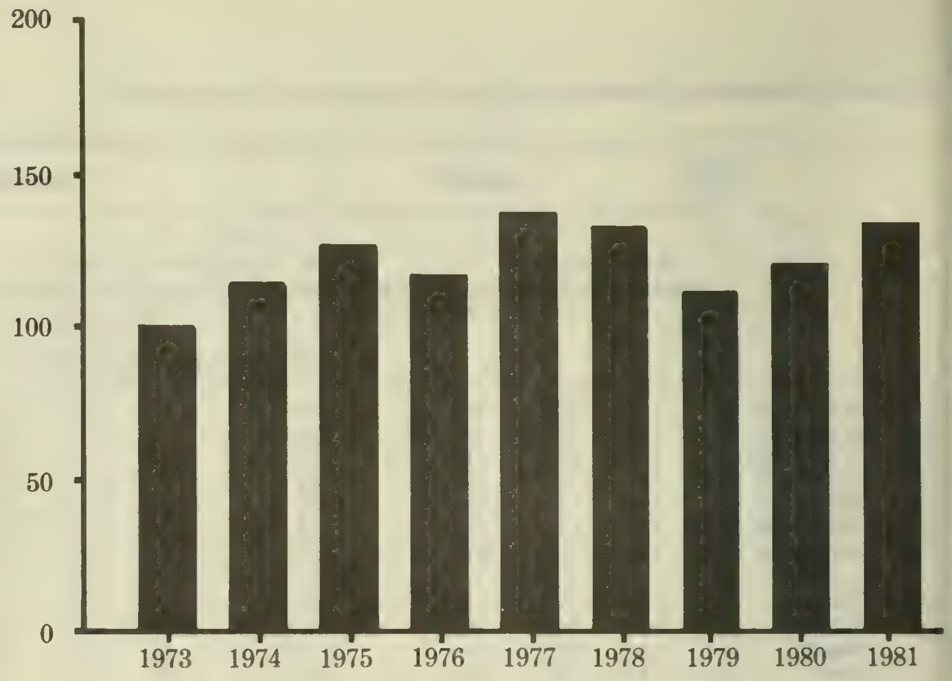
Totals may not equal sum of components due to independent rounding.

Note: Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf excluding the Hawaiian Foreign Trade Zone.

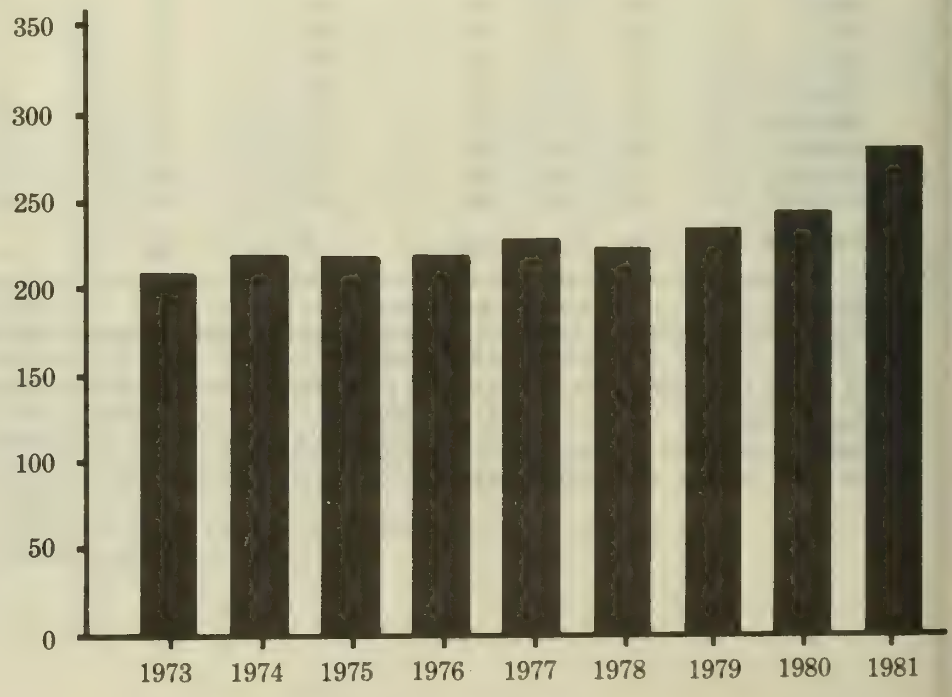
Sources: See "Sources" at the end of this section.

Liquefied Petroleum Gases and Ethane Ending Stocks, Annual
(Millions of Barrels)



Source table: "Liquefied Petroleum Gases and Ethane Supply and Disposition."

Other Petroleum Products[1] Ending Stocks, Annual
(Millions of Barrels)



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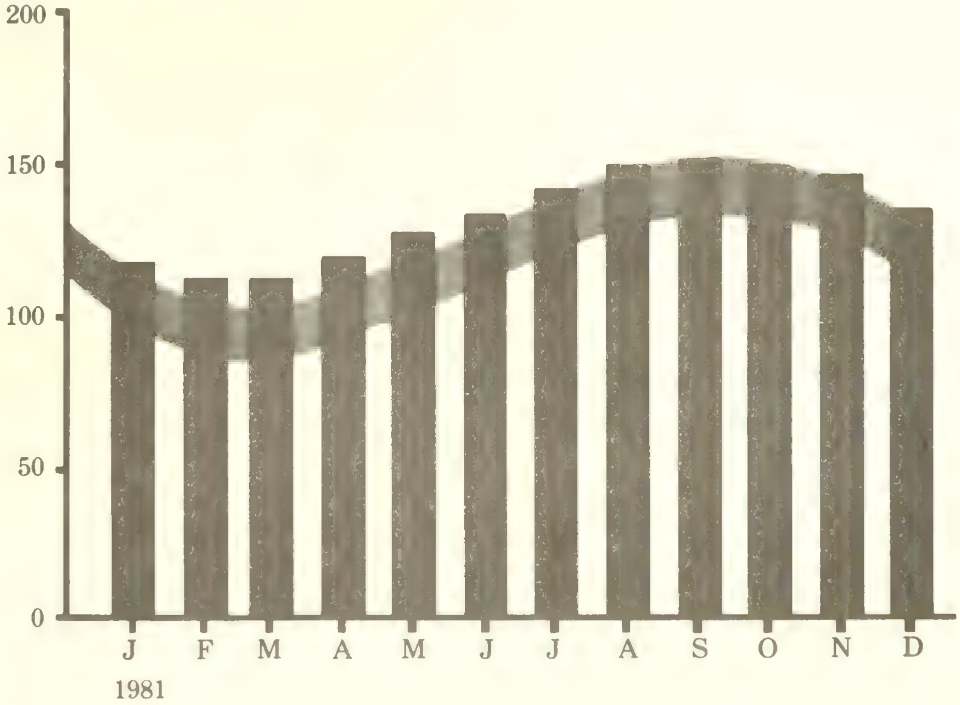
[1] Includes natural gasoline and isopentane, unfinished oils, gasoline blending components, jet fuels, kerosene, lubricants, and asphalt. Some gasoline blending components not included prior to 1981.

Source table: "Other Petroleum Products Supply and Disposition."

Liquefied Petroleum Gases and Ethane Ending Stocks, Monthly
(Millions of Barrels)

Legend

▨ Average Stock Range[1]



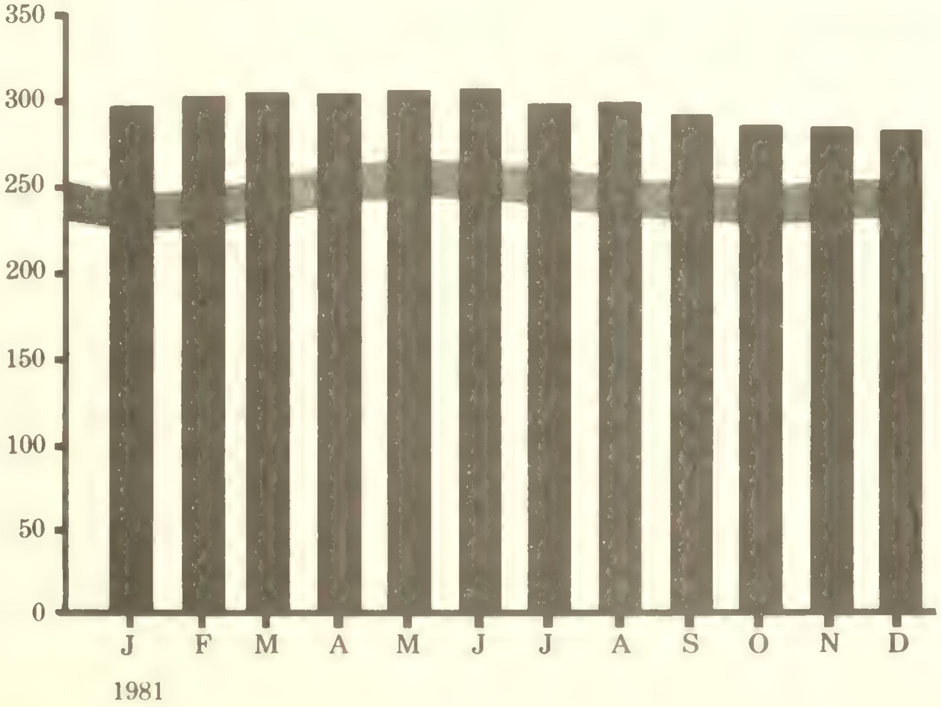
[1] Average stock range based on 3 years of data. See Explanatory Note 2.5.

Source table: "Liquefied Petroleum Gases and Ethane Supply and Disposition."

Other Petroleum Products[1] Endings Stocks, Monthly
(Millions of Barrels)

Legend

▨ Average Stock Range[2]



[1] Includes natural gasoline and isopentane, unfinished oils, gasoline blending components, jet fuels, kerosene, lubricants, and asphalt.

[2] Average stock range based on 3 years of data. See Explanatory Note 2.5.

Source table: "Other Petroleum Products Supply and Disposition."

Other Petroleum Products[1] Supply and Disposition

		Supply			Disposition			Ending Stocks[2]
		Total Produc-Tion	Imports	Stock Withdrawal[3]	Refinery Inputs	Exports	Products Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**3,693**	**502**	**-9**	**750**	**166**	**3,270**	**208**
1974	**AVERAGE**	**3,558**	**432**	**-28**	**665**	**174**	**3,123**	**218**
1975	**AVERAGE**	**3,424**	**277**	**-2**	**537**	**160**	**3,002**	**219**
1976	**AVERAGE**	**3,643**	**206**	**-5**	**524**	**175**	**3,145**	**220**
1977	**AVERAGE**	**3,912**	**205**	**-27**	**514**	**165**	**3,410**	**230**
1978	**AVERAGE**	**4,046**	**166**	**14**	**492**	**167**	**3,568**	**225**
1979	**AVERAGE**	**4,153**	**195**	**-37**	**352**	**209**	**3,749**	**238**
1980	January	4,157	269	135	591	186	3,785	234
	February	4,181	167	-153	380	174	3,641	239
	March	4,128	219	-370	149	200	3,627	250
	April	4,105	238	-374	86	180	3,703	261
	May	4,018	222	-301	135	227	3,577	271
	June	4,016	226	-49	250	256	3,687	272
	July	3,873	188	82	356	209	3,578	270
	August	3,753	138	212	351	221	3,532	263
	September	3,952	206	25	234	188	3,761	262
	October	3,737	220	175	351	193	3,588	257
	November	3,786	213	156	475	148	3,533	252
	December	3,792	209	151	362	194	3,596	247
	AVERAGE	**3,956**	**210**	**-23**	**311**	**198**	**3,634**	
1981	January	3,821	162	80	851	132	3,081	296
	February	3,723	182	-200	538	208	2,958	302
	March	3,722	230	-55	642	210	3,043	304
	April	3,711	230	24	733	192	3,040	303
	May	3,892	229	-58	594	238	3,231	305
	June	3,925	218	-29	656	197	3,261	306
	July	3,852	149	284	791	212	3,282	297
	August	3,876	276	-33	676	219	3,225	298
	September	3,718	285	215	883	176	3,159	291
	October	3,503	241	193	710	227	3,000	285
	November	3,579	262	33	784	154	2,935	284
	December	3,543	243	71	805	223	2,829	282
	AVERAGE	**3,739**	**226**	**46**	**723**	**199**	**3,088**	

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[1] Includes natural gasoline and isopentane, unfractioned stream, plant condensate, other liquids; and all finished petroleum products except finished motor gasoline, distillate fuel oil, and residual fuel oil.

[2] Ending Stocks for 1973-1979 are totals as of December 31.

[3] A negative number indicates an increase in stocks and a positive number indicates a decrease.

Totals may not equal sum of components due to independent rounding.

Note: Annual stock changes for 1975 and 1981 were calculated using expanded survey coverage. Table 31 displays the December 31,1980 "new basis" stock levels.

Geographic Coverage: The 50 United States and the District of Columbia including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

rude Oil and Petroleum Product Imports from OPEC Sources

	Algeria	Libya	Saudi Arabia	United Arab Emirates	Indonesia	Iran	Nigeria	Venezue-la	Other OPEC[1]	Total OPEC	Total Arab OPEC[2]
	Thousand Barrels per Day										
973 VERAGE	**136**	**164**	**486**	**71**	**213**	**223**	**459**	**1,135**	**106**	**2,993**	**915**
974 VERAGE	**190**	**4**	**461**	**74**	**300**	**469**	**713**	**979**	**88**	**3,280**	**752**
975 VERAGE	**282**	**232**	**715**	**117**	**390**	**280**	**762**	**702**	**122**	**3,601**	**1,383**
976 VERAGE	**432**	**453**	**1,230**	**254**	**539**	**298**	**1,025**	**700**	**134**	**5,066**	**2,424**
977 VERAGE	**559**	**723**	**1,380**	**335**	**541**	**535**	**1,143**	**690**	**287**	**6,193**	**3,185**
978 VERAGE	**649**	**654**	**1,144**	**385**	**573**	**555**	**919**	**645**	**226**	**5,751**	**2,963**
979 VERAGE	**636**	**658**	**1,356**	**281**	**420**	**304**	**1,080**	**690**	**212**	**5,637**	**3,056**
980											
anuary	503	618	1,576	202	454	95	1,054	786	179	5,467	3,034
ebruary	656	603	1,412	304	317	9	1,036	543	152	5,031	3,058
arch	472	654	1,380	289	405	0	924	352	175	4,652	2,889
pril	546	683	1,300	150	374	0	734	343	240	4,369	2,862
ay	441	468	1,149	172	360	0	955	405	147	4,098	2,329
ne	497	561	1,328	178	331	0	998	409	106	4,408	2,598
ly	557	492	1,192	158	365	0	752	417	62	3,995	2,418
ugust	432	431	1,139	142	289	0	792	406	112	3,743	2,222
eptember	375	505	1,112	107	299	0	735	425	111	3,670	2,185
ctober	465	478	1,044	182	348	0	728	482	95	3,821	2,226
ovember	493	500	1,201	105	348	0	624	595	78	3,944	2,338
ecember	423	658	1,301	83	288	0	958	610	101	4,423	2,484
VERAGE	**486**	**554**	**1,261**	**172**	**348**	**9**	**857**	**481**	**130**	**4,300**	**2,551**
981											
anuary	341	500	1,284	93	424	0	908	549	27	4,127	2,219
ebruary	381	468	1,122	93	406	0	866	463	92	3,891	2,064
arch	352	485	1,027	47	328	0	771	360	54	3,425	1,912
pril	263	485	1,034	68	307	0	812	237	39	3,245	1,867
ay	393	443	933	17	297	0	664	331	124	3,203	1,796
ne	356	380	865	60	367	0	528	248	118	2,922	1,703
ly	333	251	1,073	80	340	0	651	466	38	3,233	1,757
ugust	348	274	1,082	61	377	0	321	523	84	3,070	1,765
eptember	336	154	1,477	96	371	0	323	359	149	3,264	2,063
ctober	242	147	1,342	90	427	0	412	389	172	3,220	1,820
ovember	210	132	1,270	112	353	0	517	535	56	3,184	1,724
ecember	176	122	1,045	158	400	0	684	411	132	3,129	1,502
VERAGE	**311**	**319**	**1,129**	**81**	**366**	**0**	**620**	**406**	**90**	**3,323**	**1,848**

[1] Includes Ecuador, Gabon, Iraq, Kuwait, and Qatar.

[2] Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

Totals may not equal sum of components due to independent rounding.

Note: Beginning in October 1977, Strategic Petroleum Reserve imports are included.

Geographic coverage: The 50 United States and the District of Columbia, including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Crude Oil and Petroleum Product Imports from Non-OPEC Sources

	Bahamas	Canada	Mexico	Netherlands Antilles	Trinidad and Tobago	United Kingdom	Puerto Rico[1]	Virgin Islands[1]	Other[2]	Total
	Thousand Barrels per Day									
1973										
AVERAGE	**174**	**1,325**	**16**	**585**	**255**	**15**	**99**	**329**	**465**	**3,263**
1974										
AVERAGE	**164**	**1,070**	**8**	**511**	**251**	**8**	**90**	**391**	**340**	**2,832**
1975										
AVERAGE	**152**	**846**	**71**	**332**	**242**	**14**	**90**	**406**	**300**	**2,454**
1976										
AVERAGE	**118**	**599**	**87**	**275**	**274**	**31**	**88**	**422**	**353**	**2,247**
1977										
AVERAGE	**171**	**517**	**179**	**211**	**289**	**126**	**105**	**466**	**550**	**2,614**
1978										
AVERAGE	**160**	**467**	**318**	**229**	**253**	**180**	**94**	**429**	**484**	**2,613**
1979										
AVERAGE	**147**	**538**	**439**	**231**	**190**	**202**	**92**	**431**	**548**	**2,819**
1980										
January	175	570	545	289	239	296	57	467	492	3,131
February	111	540	477	205	192	105	95	536	652	2,914
March	124	460	460	184	189	232	101	449	601	2,800
April	56	459	546	231	143	182	76	425	619	2,737
May	77	419	576	176	221	124	88	303	496	2,481
June	77	409	627	197	162	146	91	314	465	2,486
July	43	378	460	242	180	115	90	378	376	2,262
August	62	319	646	255	159	196	85	264	463	2,449
September	58	458	550	213	205	218	52	343	473	2,569
October	70	475	605	230	114	134	107	372	450	2,557
November	22	470	459	264	158	157	108	391	435	2,464
December	54	502	445	212	149	199	109	423	378	2,471
AVERAGE	**78**	**455**	**533**	**225**	**176**	**176**	**88**	**388**	**491**	**2,609**
1981										
January	39	543	401	198	150	233	89	494	552	2,701
February	84	546	437	227	163	271	46	481	626	2,881
March	74	472	488	227	93	263	45	370	571	2,602
April	68	412	418	198	139	402	40	365	380	2,423
May	122	365	522	213	105	368	58	344	474	2,573
June	51	353	538	196	124	397	67	262	525	2,513
July	77	382	384	212	178	553	50	206	541	2,583
August	69	378	489	255	123	592	68	184	539	2,698
September	111	423	708	163	169	528	72	265	661	3,100
October	63	449	669	161	121	351	60	303	562	2,739
November	63	547	628	168	108	253	76	294	421	2,557
December	70	501	587	148	125	280	73	367	563	2,714
AVERAGE	**74**	**447**	**522**	**197**	**133**	**375**	**62**	**327**	**534**	**2,672**

[1] U.S. Possessions.

[2] Includes all Non-OPEC countries except those shown above.

Totals may not equal sum of components due to independent rounding.

Note: Beginning in October 1977, Strategic Petroleum Reserve imports are included.

Geographic coverage: The 50 United States and the District of Columbia, including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Sources: See "Sources" at the end of this section.

Sources

- 1973 through 1976: Bureau of Mines, U.S. Department of the Interior, "Petroleum Statement, Annual" and PAD Districts Supply/Demand, Annual," Mineral Industry Surveys.

- 1977 through 1980: Energy Information Administration, U.S. Department of Energy, "Monthly Petroleum Statistics Report," (unleaded gasoline category).

- 1977 through 1980: Energy Information Administration, U.S. Department of Energy, "Petroleum Statement, Annual" and "PAD Districts Supply/Demand, Annual, "Energy Data Reports.

- January 1981 through December 1981: Energy Information Administration, U.S. Department of Energy, "Petroleum Supply Annual"

1981 Summary Statistics

Table 1. U.S. Petroleum Balance, Year 1981

	Year to Date	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	587,337	1,609
(2) Lower 48 States	2,541,287	6,962
(3) Total U.S.	3,128,624	8,572
Net Imports		
(4) Imports (Gross Excluding SPR)	1,511,406	4,141
(5) SPR Imports	93,298	256
(6) Exports	83,166	228
(7) Imports (Net Including SPR)	1,521,538	4,169
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-122,541	-336
(9) Other Stock Withdrawal (+) or Addition (-)	16,716	46
(10) Used Directly and Losses	-22,925	-63
(11) Unaccounted for [1]	30,313	83
(12) Total Other Sources	-98,437	-270
(13) Crude Input to Refineries	4,551,725	12,470
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	587,119	1,609
(15) Imports [2]	3,658	10
(16) Stock Withdrawal (+) or Addition (-) [2]	2,583	7
(17) Total NGPL Supply	593,360	1,626
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	12,135	33
(19) Imports	49,516	136
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	18,372	50
(21) Refinery Processing Gain [1]	185,310	508
(22) Crude Used Directly	21,246	58
(23) Total Other Liquids	286,579	785
(23) = (18) through (22)		
(24) Total Production of Products [3]	5,431,664	14,881
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	530,542	1,454
(26) Exports	133,857	367
(27) Imports (Net)	396,684	1,087
(28) Total New Supply of Products	5,828,348	15,968
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	32,710	90
(30) Total Petroleum Products Supplied for Domestic Use	5,861,058	16,058
(30) = (28) + (29)		
(31) Finished Motor Gasoline	2,404,447	6,588
(32) Naphtha-Type Jet Fuel	72,257	198
(33) Kerosene-Type Jet Fuel	295,460	809
(34) Kerosene	46,306	127
(35) Distillate Fuel Oil	1,032,476	2,829
(36) Residual Fuel Oil	762,030	2,088
(37) Liquefied Petroleum Gases and Ethane	534,971	1,466
(38) Other	811,327	2,223
(39) Total Reclassified [1]	-98,214	-269
(40) Total Product Supplied	5,861,058	16,058
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	363,464	--
(42) Strategic Petroleum Reserve (SPR)	230,341	--
(43) Unfinished Oils	111,348	--
(44) Gasoline Blending Components	50,431	--
(45) Natural Gasoline and Unfractionated Stream	15,519	--
(46) Finished Refined Products [3]	712,545	--
(47) Total Stocks	1,483,648	--

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

— Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, Year 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,128,624**	**0**	**1,604,704**	**-105,825**	**30,313**	**-22,925**	**4,551,725**	**83,166**	**0**	**593,805**
Natural Gas Plant Liquids and LRGs	**580,529**	**114,802**	**92,673**	**-4,026**	**0**	**0**	**191,102**	**15,365**	**577,511**	**150,170**
Natural Gasoline and Isopentane	106,470	0	1,121	2,101	0	0	67,330	0	42,363	9,393
Unfractionated Stream	-284	0	0	475	0	0	3	0	189	4,552
Plant Condensate	15,776	0	2,537	6	0	0	18,330	0	-11	1,574
Liquefied Petroleum Gases and Ethane	458,566	114,802	89,015	-6,609	0	0	105,439	15,365	534,971	134,651
Ethane	110,801	3,218	16,952	90	0	0	3,022	1	128,038	4,915
Propane	174,554	97,333	25,502	-6,662	0	0	1,912	6,717	282,098	75,558
Butane	80,954	9,754	21,850	798	0	0	55,741	8,647	48,968	27,254
Butane-Propane Mixtures	1,191	3,593	7,274	755	0	0	2,300	0	10,513	1,752
Ethane-Propane Mixtures	48,520	0	17,436	-1,770	0	0	0	0	64,187	16,434
Isobutane	42,547	904	0	180	0	0	42,464	0	1,167	8,738
Other Liquids	**18,372**	**0**	**49,516**	**12,135**	**0**	**0**	**178,237**	**0**	**-98,214**	**161,779**
Other Hydrocarbons and Alcohol	18,372	0	0	59	0	0	18,431	0	0	208
Unfinished Oils	0	0	40,793	12,380	0	0	104,271	0	-51,098	111,348
Motor Gasoline Blending Components	0	0	8,724	-72	0	0	56,791	0	-48,139	49,532
Aviation Gasoline Blending Components	0	0	0	-232	0	0	-1,256	0	1,024	691
Finished Petroleum Products	**6,590**	**4,991,572**	**441,527**	**39,319**	**0**	**21,246**	**0**	**118,493**	**5,381,761**	**577,894**
Finished Motor Gasoline	1,706	2,336,182	57,182	10,074	0	0	0	697	2,404,447	203,469
Finished Leaded Motor Gasoline	1,178	1,168,214	32,437	12,012	0	0	0	697	1,213,144	108,085
Finished Unleaded Motor Gasoline	528	1,167,014	24,745	-1,940	0	0	0	0	1,190,347	95,325
Gasohol	0	954	0	2	0	0	0	0	956	59
Finished Aviation Gasoline	638	10,902	0	-393	0	0	0	0	11,147	2,733
Naphtha-Type Jet Fuel	0	70,428	2,674	-609	0	0	0	236	72,257	7,054
Kerosene-Type Jet Fuel	0	282,787	11,185	1,913	0	0	0	425	295,460	34,011
Kerosene	59	43,521	2,423	335	0	0	0	32	46,306	11,042
Distillate Fuel Oil	97	953,732	63,071	13,825	0	3,636	0	1,885	1,032,476	191,541
Residual Fuel Oil	0	482,088	292,070	13,504	0	17,610	0	43,243	762,030	77,992
Naphtha < 400 Deg. for Petro. Feed.	0	81,026	3,646	1,073	0	0	0	1,806	83,940	2,469
Other Oils > 400 Deg. for Petrochem. Feedstock	0	131,749	0	698	0	0	0	7,526	124,921	1,750
Special Naphthas	1,323	25,652	3,131	1,032	0	0	0	4,120	27,018	3,965
Lubricants	0	60,561	3,069	-692	0	0	0	6,981	55,958	14,304
Waxes	0	6,943	260	-128	0	0	0	494	6,581	670
Petroleum Coke	0	142,430	(s)	-270	0	0	0	50,292	91,868	4,502
Asphalt	0	123,452	1,427	-751	0	0	0	146	123,982	19,587
Road Oil	0	531	0	229	0	0	0	0	760	26
Still Gas	0	206,399	0	0	0	0	0	0	206,399	0
Miscellaneous Products	2,768	33,189	1,388	-522	0	0	0	610	36,213	2,780
Total	**3,734,115**	**5,106,374**	**2,188,420**	**-58,397**	**30,313**	**-1,679**	**4,921,064**	**217,024**	**5,861,058**	**1,483,648**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, Year 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,572**	**0**	**4,396**	**-290**	**83**	**-63**	**12,470**	**228**	**0**
Natural Gas Plant Liquids and LRGs	**1,590**	**315**	**254**	**-11**	**0**	**0**	**524**	**42**	**1,582**
Natural Gasoline and Isopentane	292	0	3	6	0	0	184	0	116
Unfractionated Stream	-1	0	0	1	0	0	(s)	0	1
Plant Condensate	43	0	7	(s)	0	0	50	0	(s)
Liquefied Petroleum Gases and Ethane	1,256	315	244	-18	0	0	289	42	1,466
Ethane	304	9	46	(s)	0	0	8	(s)	351
Propane	478	267	70	-18	0	0	5	18	773
Butane	222	27	60	2	0	0	153	24	134
Butane-Propane Mixtures	3	10	20	2	0	0	6	0	29
Ethane-Propane Mixtures	133	0	48	-5	0	0	0	0	176
Isobutane	117	2	0	(s)	0	0	116	0	3
Other Liquids	**50**	**0**	**136**	**33**	**0**	**0**	**488**	**0**	**-269**
Other Hydrocarbons and Alcohol	50	0	0	(s)	0	0	50	0	0
Unfinished Oils	0	0	112	34	0	0	286	0	-140
Motor Gasoline Blending Components	0	0	24	(s)	0	0	156	0	-132
Aviation Gasoline Blending Components	0	0	0	-1	0	0	-3	0	3
Finished Petroleum Products	**18**	**13,676**	**1,210**	**108**	**0**	**58**	**0**	**325**	**14,745**
Finished Motor Gasoline	5	6,400	157	28	0	0	0	2	6,588
Finished Leaded Motor Gasoline	3	3,201	89	33	0	0	0	2	3,324
Finished Unleaded Motor Gasoline	1	3,197	68	-5	0	0	0	0	3,261
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	30	0	-1	0	0	0	0	31
Naphtha-Type Jet Fuel	0	193	7	-2	0	0	0	1	198
Kerosene-Type Jet Fuel	0	775	31	5	0	0	0	1	809
Kerosene	(s)	119	7	1	0	0	0	(s)	127
Distillate Fuel Oil	(s)	2,613	173	38	0	10	0	5	2,829
Residual Fuel Oil	0	1,321	800	37	0	48	0	118	2,088
Naphtha < 400 Deg. for Petro. Feed. Use	0	222	10	3	0	0	0	5	230
Other Oils > 400 Deg. for Petro. Feed. Use	0	361	0	2	0	0	0	21	342
Special Naphthas	4	70	9	3	0	0	0	11	74
Lubricants	0	166	8	-2	0	0	0	19	153
Waxes	0	19	1	(s)	0	0	0	1	18
Petroleum Coke	0	390	(s)	-1	0	0	0	138	252
Asphalt	0	338	4	-2	0	0	0	(s)	340
Road Oil	0	1	0	1	0	0	0	0	2
Still Gas	0	565	0	0	0	0	0	0	565
Miscellaneous Products	8	91	4	-1	0	0	0	2	99
Total	**10,230**	**13,990**	**5,996**	**-160**	**83**	**-5**	**13,482**	**595**	**16,058**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
(s) Less than 500 barrels per day.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, Year 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**42,829**	**0**	**407,384**	**716**	**2,139**	**-59**	**33,917**	**486,925**	**2**	**0**	**20,691**
Natural Gas Plant Liquids and LRGs	**15,429**	**16,987**	**9,519**	**-237**	**0**	**0**	**30,437**	**3,427**	**855**	**67,852**	**5,481**
Liquefied Petroleum Gases	6,185	16,987	8,901	-236	0	0	30,437	3,141	855	58,279	5,452
Ethane	5,069	0	2	0	0	0	0	0	(s)	5,071	0
Other Products[3]	4,174	0	615	-1	0	0	0	286	0	4,502	29
Other Liquids	**1,292**	**0**	**21,086**	**1,511**	**0**	**0**	**2,389**	**29,859**	**0**	**-3,581**	**20,211**
Other Hydrocarbons and Alcohol	1,292	0	0	1	0	0	0	1,293	0	0	5
Unfinished Oils	0	0	18,096	2,210	0	0	2,389	17,033	0	5,662	13,291
Motor Gasoline Blending Components	0	0	2,990	-713	0	0	0	11,520	0	-9,243	6,915
Aviation Gasoline Blending Components	0	0	0	13	0	0	0	13	0	0	0
Finished Petroleum Products	**611**	**524,830**	**379,802**	**11,359**	**0**	**2**	**943,382**	**0**	**8,053**	**1,851,933**	**216,223**
Finished Motor Gasoline	611	243,123	43,989	2,549	0	0	514,994	0	12	805,254	62,588
Finished Leaded Motor Gasoline	611	112,325	25,592	3,830	0	0	242,092	0	12	384,438	30,813
Finished Unleaded Motor Gasoline	0	130,796	18,397	-1,277	0	0	272,902	0	0	420,818	31,761
Gasohol	0	2	0	-4	0	0	0	0	0	-2	14
Finished Aviation Gasoline	0	138	0	-15	0	0	3,101	0	0	3,224	480
Naphtha-Type Jet Fuel	0	10,764	1,843	-129	0	0	8,525	0	1	21,003	834
Kerosene-Type Jet Fuel	0	16,889	6,808	364	0	0	97,698	0	2	121,757	8,065
Kerosene	0	2,509	2,423	-112	0	0	9,800	0	12	14,608	5,404
Distillate Fuel Oil	0	108,597	59,180	2,930	0	2	215,808	0	20	386,497	87,443
Residual Fuel Oil	0	66,604	260,156	5,053	0	0	66,953	0	206	398,560	40,144
Naphtha and Other Oils for Petrochem. Feedstock	0	5,349	876	-25	0	0	1,936	0	1,046	7,090	218
Special Naphthas	0	629	816	177	0	0	3,761	0	42	5,342	1,208
Lubricants	0	9,489	1,940	-11	0	0	8,115	0	1,939	17,594	4,230
Waxes	0	1,269	25	-14	0	0	158	0	57	1,382	121
Petroleum Coke	0	12,845	0	385	0	0	0	0	4,381	8,849	659
Asphalt	0	22,215	1,272	252	0	0	4,544	0	36	28,246	4,485
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	21,643	0	0	0	0	0	0	0	21,643	0
Miscellaneous Products	0	2,767	472	-45	0	0	7,989	0	299	10,884	344
Total	**60,161**	**541,817**	**817,790**	**13,349**	**2,139**	**-57**	**1,010,125**	**520,211**	**8,910**	**1,916,204**	**262,607**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, Year 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**355,653**	**0**	**248,393**	**2,523**	**481,328**	**-261**	**12,357**	**1,083,555**	**16,438**	**0**	**84,448**
Natural Gas Plant Liquids and LRGs	**114,113**	**29,573**	**58,317**	**6,946**	**0**	**0**	**48,124**	**64,745**	**7,041**	**185,287**	**41,028**
Liquefied Petroleum Gases	84,951	29,419	41,367	4,026	0	0	36,948	41,941	7,041	147,729	36,071
Ethane	24,431	154	16,949	1,266	0	0	0	1,542	(s)	41,258	1,657
Other Products[3]	4,731	0	0	1,654	0	0	11,176	21,262	0	-3,701	3,300
Other Liquids	**3,396**	**0**	**2,087**	**5,517**	**0**	**0**	**12,111**	**32,571**	**0**	**-9,460**	**32,525**
Other Hydrocarbons and Alcohol	3,396	0	0	84	0	0	0	3,480	0	0	116
Unfinished Oils	0	0	396	4,182	0	0	2,895	19,926	0	-12,453	21,189
Motor Gasoline Blending Components	0	0	1,691	1,271	0	0	9,216	9,520	0	2,658	11,060
Aviation Gasoline Blending Components	0	0	0	-20	0	0	0	-355	0	335	160
Finished Petroleum Products	**148**	**1,198,071**	**9,546**	**16,758**	**0**	**2**	**163,177**	**0**	**5,758**	**1,381,945**	**143,524**
Finished Motor Gasoline	0	669,408	58	3,760	0	0	108,330	0	186	781,369	61,541
Finished Leaded Motor Gasoline	0	357,489	46	2,592	0	0	60,575	0	186	420,515	36,075
Finished Unleaded Motor Gasoline	0	311,467	12	1,159	0	0	47,755	0	0	360,393	25,435
Gasohol	0	452	0	9	0	0	0	0	0	461	31
Finished Aviation Gasoline	0	1,895	0	-61	0	0	1,633	0	0	3,467	626
Naphtha-Type Jet Fuel	0	11,721	0	215	0	0	844	0	0	12,780	1,222
Kerosene-Type Jet Fuel	0	42,219	0	1,726	0	0	11,488	0	0	55,433	7,872
Kerosene	0	6,809	0	838	0	0	2,025	0	5	9,667	2,336
Distillate Fuel Oil	15	243,624	5	8,453	0	2	41,563	0	6	293,655	50,013
Residual Fuel Oil	0	53,507	8,592	861	0	0	-10,756	0	34	52,170	8,296
Naphtha and Other Oils for Petro. Feed.	0	20,371	1	-45	0	0	869	0	585	20,611	343
Special Naphthas	0	4,975	686	320	0	0	1,990	0	32	7,938	879
Lubricants	0	9,941	7	123	0	0	2,992	0	214	12,849	2,177
Waxes	0	502	65	-35	0	0	0	0	8	524	77
Petroleum Coke	0	39,693	0	-188	0	0	0	0	4,625	34,880	920
Asphalt	0	38,911	0	473	0	0	2,110	0	52	41,442	6,751
Road Oil	0	225	0	198	0	0	0	0	0	423	18
Still Gas	0	50,944	0	0	0	0	0	0	0	50,944	0
Miscellaneous Products	133	3,326	133	121	0	0	89	0	9	3,793	453
Total	**473,310**	**1,227,644**	**318,344**	**31,744**	**481,328**	**-259**	**235,769**	**1,180,871**	**29,238**	**1,557,772**	**301,525**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and pant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, Year 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (Including lease condensate)	**1,539,251**	**0**	**828,287**	**-112,640**	**-316,982**	**-933**	**96,724**	**2,033,707**	**0**	**0**	**390,549**
Natural Gas Plant Liquids and LRGs	**416,768**	**52,383**	**11,907**	**-10,423**	**0**	**0**	**-75,578**	**104,529**	**5,899**	**284,630**	**100,055**
Liquefied Petroleum Gases	244,920	49,549	11,401	-10,214	0	0	-69,142	44,302	5,899	176,313	84,957
Ethane	81,137	2,834	0	-1,176	0	0	0	1,470	(s)	81,325	3,258
Other Products[3]	90,711	0	506	968	0	0	-6,436	58,757	0	26,992	11,840
Other Liquids	**7,991**	**0**	**21,529**	**3,330**	**0**	**0**	**-16,693**	**107,005**	**0**	**-90,848**	**67,388**
Other Hydrocarbons and Alcohol	7,991	0	0	-28	0	0	0	7,963	0	0	85
Unfinished Oils	0	0	19,442	3,777	0	0	-7,477	64,149	0	-48,407	47,629
Motor Gasoline Blending Components	0	0	2,087	-184	0	0	-9,216	35,796	0	-43,109	19,193
Aviation Gasoline Blending Components	0	0	0	-235	0	0	0	-903	0	668	481
Finished Petroleum Products	**5,553**	**2,266,955**	**25,361**	**12,743**	**0**	**46**	**-1,140,376**	**0**	**55,155**	**1,115,127**	**140,281**
Finished Motor Gasoline	1,037	992,240	2,459	5,085	0	0	-645,856	0	1	354,964	50,279
Finished Leaded Motor Gasoline	532	477,246	228	5,196	0	0	-315,391	0	1	167,810	25,913
Finished Unleaded Motor Gasoline	505	514,947	2,231	-100	0	0	-330,419	0	0	187,164	24,353
Gasohol	0	47	0	-11	0	0	-46	0	0	-10	12
Finished Aviation Gasoline	638	5,414	0	-118	0	0	-5,012	0	0	922	864
Naphtha-Type Jet Fuel	0	26,776	183	-599	0	0	-10,966	0	234	15,159	3,002
Kerosene-Type Jet Fuel	0	139,784	664	-403	0	0	-116,716	0	206	23,123	10,816
Kerosene	59	31,483	0	-353	0	0	-11,825	0	6	19,358	2,948
Distillate Fuel Oil	81	439,472	2,634	4,315	0	46	-260,481	0	676	185,391	35,548
Residual Fuel Oil	0	196,196	14,055	4,959	0	0	-53,307	0	19,829	142,075	18,738
Naphtha and Other Oils for Petro. Feed.	0	180,687	2,599	1,846	0	0	-2,995	0	5,692	176,446	3,236
Special Naphthas	1,319	17,688	1,264	280	0	0	-5,751	0	4,017	10,783	1,607
Lubricants	0	35,708	939	-699	0	0	-12,848	0	4,124	18,975	6,327
Waxes	0	4,085	106	-64	0	0	-158	0	339	3,630	424
Petroleum Coke	0	49,541	(s)	-111	0	0	0	0	19,773	29,658	870
Asphalt	0	34,412	155	-835	0	0	-6,691	0	11	27,030	3,986
Road Oil	0	68	0	0	0	0	0	0	0	68	2
Still Gas	0	89,620	0	0	0	0	0	0	0	89,620	0
Miscellaneous Products	2,419	23,781	303	-561	0	0	-7,770	0	247	17,925	1,635
Total	**1,969,563**	**2,319,338**	**887,084**	**-106,990**	**-316,982**	**-887**	**-1,135,923**	**2,245,241**	**61,054**	**1,308,909**	**698,273**

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[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, Year 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**217,539**	**0**	**10,513**	**2,568**	**-75,276**	**-115**	**0**	**155,229**	**0**	**0**	**14,245**
Natural Gas Plant Liquids and LRGs	**26,744**	**1,298**	**7,552**	**-383**	**0**	**0**	**-3,137**	**5,998**	**3**	**26,072**	**1,402**
Liquefied Petroleum Gases	8,412	1,298	5,240	-360	0	0	1,603	4,509	3	11,681	1,102
Ethane	163	0	(s)	(s)	0	0	0	10	0	153	(s)
Other Products[3]	18,168	0	2,312	-23	0	0	-4,740	1,479	0	14,237	300
Other Liquids	**793**	**0**	**0**	**-660**	**0**	**0**	**0**	**-5,822**	**0**	**5,955**	**5,777**
Other Hydrocarbons and Alcohol	793	0	0	-1	0	0	0	792	0	0	1
Unfinished Oils	0	0	0	-371	0	0	0	-6,619	0	6,248	3,140
Motor Gasoline Blending Components	0	0	0	-288	0	0	0	5	0	-293	2,636
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**278**	**157,261**	**325**	**-286**	**0**	**94**	**8,726**	**0**	**31**	**166,367**	**14,139**
Finished Motor Gasoline	58	79,992	315	392	0	0	4,868	0	0	85,625	5,843
Finished Leaded Motor Gasoline	35	53,445	0	438	0	0	1,631	0	0	55,549	4,023
Finished Unleaded Motor Gasoline	23	26,522	315	-54	0	0	3,191	0	0	29,997	1,818
Gasohol	0	25	0	8	0	0	46	0	0	79	2
Finished Aviation Gasoline	0	417	0	-4	0	0	253	0	0	666	56
Naphtha-Type Jet Fuel	0	4,393	0	112	0	0	-925	0	0	3,580	259
Kerosene-Type Jet Fuel	0	6,015	0	-26	0	0	5,642	0	1	11,630	571
Kerosene	0	489	0	-7	0	0	0	0	0	482	111
Distillate Fuel Oil	0	41,010	2	-438	0	0	-1,112	0	0	39,462	3,871
Residual Fuel Oil	0	5,540	0	179	0	94	0	0	1	5,812	662
Naphtha and Other Oils for Petro. Feed.	0	55	0	3	0	0	0	0	6	52	0
Special Naphthas	4	145	(s)	3	0	0	0	0	1	152	10
Lubricants	0	350	6	-13	0	0	0	0	14	329	101
Waxes	0	146	2	3	0	0	0	0	1	150	1
Petroleum Coke	0	3,733	0	-65	0	0	0	0	3	3,665	580
Asphalt	0	8,330	0	-428	0	0	0	0	5	7,897	2,069
Road Oil	0	134	0	5	0	0	0	0	0	139	2
Still Gas	0	6,278	0	0	0	0	0	0	0	6,278	0
Miscellaneous Products	216	234	0	-2	0	0	0	0	1	447	2
Total	**245,354**	**158,559**	**18,390**	**1,239**	**-75,276**	**-21**	**5,589**	**155,405**	**34**	**198,394**	**35,562**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, Year 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**973,352**	**0**	**110,126**	**1,008**	**-60,896**	**-21,557**	**-142,998**	**792,309**	**66,726**	**0**	**83,872**
Natural Gas Plant Liquids and LRGs	**7,476**	**14,561**	**5,379**	**71**	**0**	**0**	**154**	**12,403**	**1,567**	**13,670**	**2,203**
Liquefied Petroleum Gases	3,297	14,331	5,154	86	0	0	154	8,524	1,567	12,930	2,154
Ethane	0	230	0	0	0	0	0	0	0	230	0
Other Products[3]	4,179	0	225	-15	0	0	0	3,879	0	510	50
Other Liquids	**4,900**	**0**	**4,814**	**2,437**	**0**	**0**	**2,193**	**14,624**	**0**	**-280**	**35,878**
Other Hydrocarbons and Alcohol	4,900	0	0	3	0	0	0	4,903	0	0	1
Unfinished Oils	0	0	2,858	2,582	0	0	2,193	9,782	0	-2,149	26,099
Motor Gasoline Blending Components	0	0	1,955	-158	0	0	0	-50	0	1,847	9,728
Aviation Gasoline Blending Components	0	0	0	10	0	0	0	-11	0	21	50
Finished Petroleum Products	**0**	**844,455**	**26,493**	**-1,256**	**0**	**21,102**	**25,091**	**0**	**49,495**	**866,390**	**63,727**
Finished Motor Gasoline	0	351,419	10,362	-1,712	0	0	17,664	0	499	377,234	23,218
Finished Leaded Motor Gasoline	0	167,709	6,572	-44	0	0	11,093	0	499	184,831	11,260
Finished Unleaded Motor Gasoline	0	183,282	3,790	-1,668	0	0	6,571	0	0	191,975	11,958
Gasohol	0	428	0	0	0	0	0	0	0	428	0
Finished Aviation Gasoline	0	3,038	0	-195	0	0	25	0	0	2,868	707
Naphtha-Type Jet Fuel	0	16,774	648	-208	0	0	2,522	0	1	19,735	1,737
Kerosene-Type Jet Fuel	0	77,880	3,713	252	0	0	1,888	0	217	83,516	6,687
Kerosene	0	2,231	0	-31	0	0	0	0	9	2,191	243
Distillate Fuel Oil	0	121,029	1,251	-1,435	0	3,586	4,222	0	1,182	127,470	14,666
Residual Fuel Oil	0	160,241	9,266	2,452	0	17,516	-2,890	0	23,173	163,413	10,152
Naphtha and Other Oils for Petro. Feed.	0	6,313	170	-8	0	0	190	0	2,003	4,662	422
Special Naphthas	0	2,215	365	252	0	0	0	0	29	2,803	261
Lubricants	0	5,073	178	-92	0	0	1,741	0	690	6,210	1,469
Waxes	0	941	61	-18	0	0	0	0	89	895	47
Petroleum Coke	0	36,618	0	-291	0	0	0	0	21,510	14,817	1,473
Asphalt	0	19,584	0	-213	0	0	37	0	42	19,366	2,296
Road Oil	0	104	0	26	0	0	0	0	0	130	4
Still Gas	0	37,914	0	0	0	0	0	0	0	37,914	0
Miscellaneous Products	0	3,081	480	-35	0	0	-308	0	53	3,165	345
Total	**985,728**	**859,016**	**146,811**	**2,260**	**-60,896**	**-455**	**-115,560**	**819,336**	**117,788**	**879,780**	**185,680**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] Year 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	34,773	95
New York	841	2
Pennsylvania	3,729	10
Virginia	13	(s)
West Virginia	3,473	10
Total	42,829	117
PAD District II		
Illinois	24,090	66
Indiana	4,721	13
Kansas	65,810	180
Kentucky	6,548	18
Michigan	32,665	89
Missouri	226	1
Nebraska	6,671	18
North Dakota	45,424	124
Ohio	13,551	37
Oklahoma	154,056	422
South Dakota	973	3
Tennessee	918	3
Total	355,653	974
PAD District III		
Alabama	20,680	57
Arkansas	18,352	50
Louisiana		
Gulf Coast	414,359	1,135
Rest Of State	34,956	96
Total Louisiana	449,315	1,231
Mississippi	34,204	94
New Mexico		
Northwestern	6,715	18
Southeastern	64,853	178
Total New Mexico	71,568	196
Texas		
TRRC District 01	23,049	63
TRRC District 02	42,402	116
TRRC District 03	133,736	366
TRRC District 04	29,549	81
TRRC District 05	8,863	24
TRRC District 06, excluding East Texas	44,959	123
TRRC District 07B	30,171	83
TRRC District 07C	31,746	87
TRRC District 08	235,455	645
TRRC District 08A	253,798	695
TRRC District 09	35,436	97
TRRC District 10	19,743	54
East Texas	56,225	154
Total Texas	945,132	2,589
Total	1,539,251	4,217

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PAD District and State	Production	
	Total	Daily Average
PAD District IV		
Colorado	30,303	83
Montana	30,813	84
Utah	25,860	71
Wyoming	130,563	358
Total	217,539	596
PAD District V		
Alaska		
South Alaska	31,072	85
North Slope	556,265	1,524
Total Alaska	587,337	1,609
Arizona	357	1
California		
Central Coastal	67,663	185
East Central	236,073	647
North	209	1
South	81,013	222
Total California	384,958	1,055
Nevada	700	2
Total	973,352	2,667
United States Total	3,128,624	8,572

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] Year 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	28,463	78
California		
Federal	19,588	54
State	39,018	107
California, Total	58,606	161
Louisiana		
Federal	249,736	684
State	26,223	72
Louisiana, Total	275,959	756
Texas		
Federal	12,782	35
State	1,689	5
Texas, Total	14,471	40
United States Total	377,499	1,034

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] Year 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	11,712	32
California	186	1
Louisiana	73,026	200
Mississippi	2,213	6
New Mexico	5,204	14
Oklahoma	10,054	28
Texas	41,835	115
Total	144,230	395

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] Year 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	9,138	6,291	15,429	14	24,457	3,886	85,755	114,113	220,042	39,842	101,743	9,635	45,506	416,768	26,744	7,476	580,529
Isopentane	0	0	0	0	0	0	3,320	3,320	4,761	1,119	739	0	0	6,620	33	0	9,972
Natural Gasoline	1,327	363	1,690	0	966	902	14,774	16,642	24,488	22,441	17,552	1,312	4,239	70,032	4,201	3,932	96,498
Unfractionated Stream	0	2,484	2,484	14	9,872	339	-26,288	-16,063	90,803	-120,470	-2,712	2,670	28,893	-816	13,864	247	-284
Plant Condensate	0	0	0	0	558	1	273	832	2,010	12,298	529	15	22	14,875	69	0	15,776
Liquefied Petroleum Gases and Ethane	7,811	3,443	11,255	0	13,061	2,645	93,677	109,382	97,979	124,453	85,635	5,638	12,352	326,057	8,576	3,297	458,566
Ethane	3,238	1,831	5,069	0	5,180	0	19,251	24,431	14,283	35,445	29,786	707	917	81,137	163	0	110,801
Propane	2,868	1,087	3,955	0	6,310	1,610	36,949	44,868	37,048	45,708	27,829	2,060	5,700	118,346	5,376	2,009	174,554
Butane	1,603	339	1,943	0	1,057	882	16,361	18,300	16,704	24,868	11,453	928	3,145	57,098	2,962	651	80,954
Butane-Propane Mixtures	0	0	0	0	8	0	(s)	8	606	23	40	80	0	750	16	417	1,191
Ethane-Propane Mixtures	0	0	0	0	0	0	14,979	14,979	21,383	4,105	6,454	17	1,582	33,541	(s)	0	48,520
Isobutane	102	185	287	0	506	153	6,137	6,796	7,954	14,304	10,073	1,846	1,008	35,185	58	220	42,547
Finished Motor Gasoline	611	0	611	0	0	0	0	0	193	0	844	0	0	1,037	58	0	1,706
Finished Leaded Motor Gasoline	611	0	611	0	0	0	0	0	149	0	383	0	0	532	35	0	1,178
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	43	0	462	0	0	505	23	0	528
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	638	0	0	0	0	638	0	0	638
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	23	0	0	6	29	59	0	0	59
Distillate Fuel Oil	0	0	0	0	0	0	15	15	24	1	13	45	0	81	0	0	97
Special Naphthas	0	0	0	0	0	0	0	0	1,319	0	0	0	0	1,319	4	0	1,323
Miscellaneous Products	0	0	0	0	17	0	116	133	2,108	37	121	146	8	2,419	216	0	2,768
Total Production	9,749	6,291	16,040	14	24,474	3,886	85,887	114,261	224,346	39,880	102,721	9,831	45,544	422,321	27,022	7,476	587,119

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, Year 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	438,657	48,268	486,925	19,658	658,009	83,646	322,242	1,083,555	171,264	1,032,519	741,013	59,473	29,438	2,033,707	155,229	792,309	4,551,725
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	260	20	280	0	5,618	2,234	11,072	18,924	9,806	25,495	5,251	1,738	1,254	43,544	928	3,654	67,330
Unfractionated Stream	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	3
Plant Condensate	0	6	6	0	1,906	0	432	2,338	733	10,824	155	3,481	17	15,210	551	225	18,330
LPG and Ethane	2,703	438	3,141	1,165	25,527	3,806	12,985	43,483	5,749	16,762	21,369	1,409	483	45,772	4,519	8,524	105,439
Ethane	0	0	0	0	1,533	0	9	1,542	0	370	1,100	0	0	1,470	10	0	3,022
Propane	50	9	59	0	1,118	31	20	1,169	0	5	672	0	0	677	7	0	1,912
Normal Butane	1,130	352	1,482	513	10,383	2,572	4,489	17,957	1,716	7,607	10,695	369	63	20,450	993	1,549	42,431
Other Butanes	5	0	5	0	2,244	735	1,795	4,774	1,058	1,326	90	0	0	2,474	2,647	3,410	13,310
Butane-Propane Mixtures	0	0	0	0	45	0	0	45	25	1,277	14	0	203	1,519	9	727	2,300
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	1,518	77	1,595	652	10,204	468	6,672	17,996	2,950	6,177	8,798	1,040	217	19,182	853	2,838	42,464
Other Liquids																	
Other Hydrocarbons	1,107	185	1,292	0	3,441	0	21	3,462	92	5,135	2,718	0	1	7,946	792	4,879	18,371
Alcohol	0	1	1	0	7	0	11	18	2	15	0	0	0	17	0	24	60
Unfinished Oil (net)	16,655	378	17,033	226	13,394	-502	6,808	19,926	7,593	45,608	10,845	1,096	-993	64,149	-6,619	9,782	104,271
Motor Gasoline Blending Components (net)	11,262	258	11,520	6	15,260	-363	-5,383	9,520	-7,929	27,206	16,702	46	-229	35,796	5	-50	56,791
Aviation Gasoline Blending Components (net)	13	0	13	0	-23	0	-332	-355	-740	-69	-94	0	0	-903	0	-11	-1,256
Total Input to Refineries	470,657	49,554	520,211	21,055	723,139	88,821	347,856	1,180,871	186,570	1,163,498	797,959	67,243	29,971	2,245,241	155,405	819,336	4,921,064

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, Year 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	15,693	1,294	16,987	406	20,579	2,188	6,400	29,573	3,145	30,411	17,183	1,098	546	52,383	1,298	14,561	114,802
For Petrochemical Feedstock Use	4,602	0	4,602	0	2,786	42	1,088	3,916	234	18,805	3,197	143	12	22,391	-19	2,261	33,151
For Other Uses	11,091	1,294	12,385	406	17,793	2,146	5,312	25,657	2,911	11,606	13,986	955	534	29,992	1,317	12,300	81,651
Ethane	0	0	0	0	154	0	0	154	0	2,448	386	0	0	2,834	0	230	3,218
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	2,447	344	0	0	2,791	0	230	3,021
For Other Uses	0	0	0	0	154	0	0	154	0	1	42	0	0	43	0	0	197
Propane	12,769	1,105	13,874	406	19,762	2,088	7,198	29,454	2,727	24,893	13,130	802	320	41,872	1,501	10,632	97,333
For Petrochemical Feedstock Use	3,693	0	3,693	0	2,786	23	1,079	3,888	42	12,941	2,080	0	0	15,063	32	2,080	24,756
For Other Uses	9,076	1,105	10,181	406	16,976	2,065	6,119	25,566	2,685	11,952	11,050	802	320	26,809	1,469	8,552	72,577
Butane	2,872	189	3,061	0	663	100	-738	25	176	1,418	1,896	263	131	3,884	-87	2,871	9,754
For Petrochemical Feedstock Use	909	0	909	0	0	19	9	28	0	2,634	701	143	5	3,483	10	-49	4,381
For Other Uses	1,963	189	2,152	0	663	81	-747	-3	176	-1,216	1,195	120	126	401	-97	2,920	5,373
Butane-Propane Mixtures	52	0	52	0	0	0	-60	-60	117	884	1,699	33	95	2,828	-55	828	3,593
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	67	15	0	0	7	89	0	0	89
For Other Uses	52	0	52	0	0	0	-60	-60	50	869	1,699	33	88	2,739	-55	828	3,504
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	125	768	72	0	0	965	-61	0	904
Finished Motor Gasoline	223,676	19,447	243,123	12,810	415,377	49,296	191,925	669,408	87,904	497,946	371,328	22,921	12,141	992,240	79,992	351,419	2,336,182
Finished Leaded Motor Gasoline	101,945	10,380	112,325	6,948	202,920	29,517	118,104	357,489	49,128	213,211	191,162	16,156	7,589	477,246	53,445	167,709	1,168,214
Finished Unleaded Motor Gasoline	121,731	9,065	130,796	5,862	212,116	19,779	73,710	311,467	38,729	284,735	180,166	6,765	4,552	514,947	26,522	183,282	1,167,014
Gasohol	0	2	2	0	341	0	111	452	47	0	0	0	0	47	25	428	954
Finished Aviation Gasoline	138	0	138	0	1,510	0	385	1,895	64	3,155	2,195	0	0	5,414	417	3,038	10,902
Naphtha-Type Jet Fuel	9,027	1,737	10,764	0	4,677	1,293	5,751	11,721	6,072	9,813	5,634	1,713	3,544	26,776	4,393	16,774	70,428
Kerosene-Type Jet Fuel	15,693	1,196	16,889	215	31,706	1,280	9,018	42,219	7,557	59,608	72,094	244	281	139,784	6,015	77,880	282,787
Kerosene	1,695	814	2,509	442	6,034	180	153	6,809	575	17,139	13,220	15	534	31,483	489	2,231	43,521
Distillate Fuel Oil	96,937	11,660	108,597	4,095	132,439	19,834	87,256	243,624	42,101	227,537	144,160	16,815	8,859	439,472	41,010	121,029	953,732
Distillate Fuel Oil Less No. 4	97,023	11,506	108,529	4,091	131,999	19,813	87,256	243,159	41,730	223,478	143,781	15,663	6,835	431,487	40,810	120,112	944,097
No. 4 Fuel Oil	-86	154	68	4	440	21	0	465	371	4,059	379	1,152	2,024	7,985	200	917	9,635
Residual Fuel Oil	62,526	4,078	66,604	1,461	34,838	5,501	11,707	53,507	10,057	108,384	68,724	6,802	2,229	196,196	5,540	160,241	482,088
Naphtha < 400 Deg. For Petro. Feed. Use	4,345	0	4,345	0	3,399	0	936	4,335	4,756	52,440	12,428	266	0	69,890	55	2,401	81,026
Other Oils > 400 Deg. For Petro. Feed. Use	109	895	1,004	0	16,018	0	18	16,036	5,444	68,576	36,233	544	0	110,797	0	3,912	131,749
Special Naphthas	312	317	629	0	3,351	0	1,624	4,975	1,631	12,579	540	2,938	0	17,688	145	2,215	25,652
Lubricants	5,107	4,382	9,489	0	5,526	0	4,415	9,941	307	24,747	8,408	2,249	-3	35,708	350	5,073	60,561
Bright Stock	652	1,784	2,436	0	227	0	413	640	0	1,858	710	0	0	2,568	35	400	6,079
Neutral	2,605	2,441	5,046	0	3,823	0	2,790	6,613	0	11,290	6,815	943	0	19,048	295	3,430	34,432
Other Grades	1,850	157	2,007	0	1,476	0	1,212	2,688	307	11,599	883	1,306	-3	14,092	20	1,243	20,050
Wax	372	897	1,269	0	160	0	342	502	996	1,758	1,043	288	0	4,085	146	941	6,943
Microcrystalline	83	253	336	0	0	0	207	207	996	175	30	288	0	1,489	0	0	2,032
Crystalline--Fully Refined	194	160	354	0	133	0	63	196	0	797	1,012	0	0	1,809	146	571	3,076
Crystalline--Other	95	484	579	0	27	0	72	99	0	786	1	0	0	787	0	370	1,835
Petroleum Coke	12,454	391	12,845	226	22,806	4,172	12,489	39,693	3,367	25,634	19,621	790	129	49,541	3,733	36,618	142,430
Marketable	4,373	0	4,373	0	11,966	2,854	7,138	21,958	727	10,947	11,189	537	0	23,400	2,063	27,159	78,953
Catalyst	8,081	391	8,472	226	10,840	1,318	5,351	17,735	2,640	14,687	8,432	253	129	26,141	1,670	9,459	63,477
Asphalt	21,326	889	22,215	1,226	21,713	6,313	9,659	38,911	5,968	6,903	12,002	8,723	816	34,412	8,330	19,584	123,452
Road Oil	0	0	0	0	130	0	95	225	0	66	0	2	0	68	134	104	531
Still Gas	20,010	1,633	21,643	663	30,592	4,189	15,500	50,944	5,358	51,195	30,479	1,877	711	89,620	6,278	37,914	206,399
For Petrochemical Feedstock Use	398	0	398	0	163	0	134	297	69	5,169	1,075	0	0	6,313	34	84	7,126
For Other Uses	19,612	1,633	21,245	663	30,429	4,189	15,366	50,647	5,289	46,026	29,404	1,877	711	83,307	6,244	37,830	199,273
Miscellaneous Products	2,369	398	2,767	29	2,511	207	579	3,326	3,591	13,690	6,073	427	0	23,781	234	3,081	33,189
Total Output	491,789	50,028	541,817	21,573	753,366	94,453	358,252	1,227,644	188,893	1,211,581	821,365	67,712	29,787	2,319,338	158,559	859,016	5,106,374
Processing Gain(-) or Loss(+)[1]	-21,132	-474	-21,606	-518	-30,227	-5,632	-10,396	-46,773	-2,323	-48,083	-23,406	-469	184	-74,097	-3,154	-39,680	-185,310

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] Year 1981

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	45.8	38.1	45.0	58.5	54.2	52.5	52.5	53.6	44.4	38.3	43.2	26.8	37.3	40.2	49.3	41.7	44.5
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.2	.2	.4	.3	.3	.0	.0	.3	.3	.4	.3
Liquefied Refinery Gases & Ethane	3.4	2.7	3.4	2.0	3.0	2.6	1.9	2.7	1.8	2.6	2.2	1.8	1.9	2.4	.9	1.8	2.4
Naphtha-Type Jet Fuel	2.0	3.6	2.1	0	.7	1.6	1.7	1.1	3.4	.9	.7	2.8	12.5	1.3	3.0	2.1	1.5
Kerosene-Type Jet Fuel	3.4	2.5	3.4	1.1	4.7	1.5	2.7	3.8	4.2	5.5	9.6	.4	1.0	6.7	4.0	9.7	6.1
Kerosene	.4	1.7	.5	2.2	.9	.2	(s)	.6	.3	1.6	1.8	(s)	1.9	1.5	.3	.3	.9
Distillate Fuel Oil	21.3	24.0	21.5	20.6	19.7	23.9	26.5	22.1	23.5	21.1	19.2	27.8	31.1	20.9	27.6	15.1	20.5
Residual Fuel Oil	13.7	8.4	13.2	7.3	5.2	6.6	3.6	4.8	5.6	10.1	9.1	11.2	7.8	9.4	3.7	20.0	10.4
Ethane	0	0	0	0	(s)	0	0	(s)	0	.2	.1	0	0	.1	.0	(s)	.1
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.5	0	.3	.4	2.7	4.9	1.7	.4	0	3.3	(s)	.3	1.7
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.8	.2	0	2.4	0	(s)	1.5	3.0	6.4	4.8	.9	0	5.3	.0	.5	2.8
Special Naphthas	.1	.7	.1	.0	.5	0	.5	.5	.9	1.2	.1	4.9	0	.8	.1	.3	.6
Lubricants	1.1	9.0	1.9	0	.8	0	1.3	.9	.2	2.3	1.1	3.7	(s)	1.7	.2	.6	1.3
Wax	.1	1.8	.3	0	(s)	0	.1	(s)	.6	.2	.1	.5	0	.2	.1	.1	.1
Petroleum Coke	2.7	.8	2.5	1.1	3.4	5.0	3.8	3.6	1.9	2.4	2.6	1.3	.5	2.4	2.5	4.6	3.1
Asphalt	4.7	1.8	4.4	6.2	3.2	7.6	2.9	3.5	3.3	.6	1.6	14.4	2.9	1.6	5.6	2.4	2.7
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	(s)	0	(s)	0	(s)	.1	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	(s)	(s)	(s)	.5	.1	0	.0	.3	(s)	(s)	.2
Still Gas for Other Uses	4.3	3.4	4.2	3.3	4.5	5.0	4.7	4.6	3.0	4.3	3.9	3.1	2.5	4.0	4.2	4.7	4.3
Miscellaneous Products	.5	.8	.5	.1	.4	.2	.2	.3	2.0	1.3	.8	.7	0	1.1	.2	.4	.7
Processing Gain(-) or Loss(+)[4]	–4.6	–1.0	–4.3	–2.6	–4.5	–6.8	–3.2	–4.2	–1.3	–4.5	–3.1	–.8	.6	–3.5	–2.1	–4.9	–4.0

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, Year 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	28,566	28,566	10,368	443,587	37,041	278,959	769,955	141,803	562,659	331,119	39,068	22,152	1,096,801	131,833	315,743	2,342,898
Foreign	0	10,074	10,074	9,262	193,534	40,608	33,667	277,071	11,945	16,202	5,416	5,868	202	39,633	12,015	7,055	345,848
Tanker																	
Domestic	34,927	0	34,927	0	0	0	0	0	0	32,978	34,088	0	0	67,066	0	354,932	456,925
Foreign	355,818	0	355,818	0	0	0	0	0	405	365,868	296,840	0	0	663,113	0	102,586	1,121,517
Barge																	
Domestic	694	2,439	3,133	0	10,644	1,598	0	12,242	179	44,697	66,942	1,760	0	113,578	0	1,551	130,504
Foreign	45,122	0	45,122	0	5,954	3,322	0	9,276	0	4,642	1,965	1,738	0	8,345	0	0	62,743
Tank Cars																	
Domestic	964	3,397	4,361	0	0	0	0	0	0	9	0	219	0	228	15	120	4,724
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	33	3,847	3,880	0	3,735	377	9,638	13,750	16,041	4,848	8,170	11,156	7,021	47,236	10,675	21,264	96,805
Foreign	0	0	0	0	0	0	0	0	1,098	0	0	0	0	1,098	15	0	1,113
Total																	
Domestic	36,618	38,249	74,867	10,368	457,966	39,016	288,597	795,947	158,023	645,191	440,319	52,203	29,173	1,324,909	142,523	693,610	3,031,856
Foreign	400,940	10,074	411,014	9,262	199,488	43,930	33,667	286,347	13,448	386,712	304,221	7,606	202	712,189	12,030	109,641	1,531,221

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, Year 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	50	0	0	50	8	7	51	0	23	89	0	261	399
Liquefied Petroleum Gases[1]	308	335	643	20	1,011	130	308	1,469	35	364	910	(s)	54	1,363	87	3,054	6,617
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	743	259	1,002	0	80	32	166	279	102	113	323	47	(s)	586	9	85	1,960
Residual Fuel Oil	8,514	999	9,513	213	5,279	707	425	6,625	115	4,370	1,052	228	5	5,770	1,451	3,298	26,656
Marketable Petroleum Coke	(s)	0	(s)	0	23	0	0	23	0	282	0	0	0	282	143	948	1,398
Catalyst Petroleum Coke	5,540	502	6,042	225	9,225	686	4,211	14,348	2,618	13,002	8,314	228	127	24,289	1,622	9,045	55,346
Still Gas	15,843	1,526	17,369	662	27,686	4,139	12,888	45,376	4,336	39,587	28,255	1,696	669	74,544	5,857	35,824	178,970
Other Fuels [2]	26	0	26	1	419	0	1	421	64	562	756	75	0	1,457	121	1,029	3,054
Natural Gas (million cubic feet)	23,609	3,120	26,729	459	45,842	2,022	55,682	104,005	32,028	257,314	93,296	9,331	3,254	395,223	17,242	107,675	650,875
Coal (thousand short tons)	228	801	1,030	0	0	0	22	22	0	0	7	0	0	7	0	0	1,059
Purchased Electricity (million kWh)	2,375	476	2,851	148	3,894	2,596	1,911	8,549	2,114	6,111	4,779	260	74	13,339	1,498	6,807	33,044
Purchased Steam (million pounds)	7,713	124	7,837	0	793	0	24	817	113	16	9,489	0	0	9,618	0	6,302	24,575

[1] Includes liquefied refinery gases.
[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.
(s) Less than 500 barrels except where noted.
Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, Year 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**407,384**	**248,393**	**828,287**	**10,513**	**110,126**	**1,604,704**
Natural Gas Liquids	**9,519**	**58,317**	**11,907**	**7,552**	**5,379**	**92,673**
Natural Gasoline and Isopentane	615	0	506	0	0	1,121
Plant Condensate	0	0	0	2,312	225	2,537
Liquefied Petroleum Gases and Ethane	8,903	58,317	11,401	5,240	5,154	89,015
Ethane	2	16,949	0	(s)	0	16,952
Propane	6,841	14,018	1,377	2,477	789	25,502
Butane	2,061	10,036	2,627	2,762	4,365	21,850
Butane-Propane Mixtures	0	0	7,274	0	0	7,274
Ethane-Propane Mixtures	0	17,313	123	0	0	17,436
Other Liquids [1]	**21,086**	**2,087**	**21,529**	**0**	**4,814**	**49,516**
Unfinished Oils [1]	18,096	396	19,442	0	2,858	40,793
Motor Gasoline Blending Components	2,990	1,691	2,087	0	1,955	8,724
Finished Petroleum Products	**379,802**	**9,546**	**25,361**	**325**	**26,493**	**441,527**
Finished Motor Gasoline	43,989	58	2,459	315	10,362	57,182
Finished Leaded Motor Gasoline	25,592	46	228	0	6,572	32,437
Finished Unleaded Motor Gasoline	18,397	12	2,231	315	3,790	24,745
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	1,843	0	183	0	648	2,674
Kerosene-Type Jet Fuel	6,808	0	664	0	3,713	11,185
Bonded Aircraft Fuel	56	0	0	0	1,769	1,825
Other	6,752	0	664	0	1,944	9,360
Kerosene	2,423	0	0	0	0	2,423
Distillate Fuel Oil	59,180	5	2,634	2	1,251	63,071
Bonded ships bunkers	0	0	0	0	38	38
For military offshore use	0	(s)	0	0	26	26
No. 2 fuel oil	57,101	5	2,634	2	1,187	60,928
No. 4 fuel oil	2,079	0	0	0	(s)	2,079
Residual Fuel Oil	260,156	8,592	14,055	0	9,266	292,070
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	114	(s)	0	0	0	114
Other	260,042	8,592	14,055	0	9,266	291,956
Naphtha < 400 Deg. for Petro. Feed. Use	876	1	2,599	0	170	3,646
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	816	686	1,264	(s)	365	3,131
Lubricants	1,940	7	939	6	178	3,069
Wax	25	65	106	2	61	260
Asphalt	1,272	0	155	0	0	1,427
Miscellaneous Products	472	133	303	0	480	1,389
Total Imports	**817,790**	**318,344**	**887,084**	**18,390**	**146,811**	**2,188,420**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Source	Crude Oil[1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products[2]	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	95,165	778	261	0	0	0	0	1,732	15,427	0	0	18,198	113,363	311
Iraq	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Libya	115,572	0	248	0	0	0	0	0	396	0	325	969	116,540	319
Qatar	2,665	0	0	0	0	0	0	0	0	0	0	0	2,665	7
Saudi Arabia	406,059	5,265	455	266	0	0	0	0	149	0	(s)	6,135	412,193	1,129
United Arab Emirates	27,950	0	428	0	0	0	0	0	0	0	1,272	1,700	29,650	81
Subtotal Arab OPEC	647,410	6,042	1,392	266	0	0	0	1,732	15,972	0	1,597	27,001	674,411	1,848
Other OPEC														
Ecuador	13,967	0	0	0	0	0	0	0	3,732	0	0	3,732	17,699	48
Gabon	12,633	0	0	0	0	0	0	0	0	0	0	0	12,633	35
Indonesia	116,126	953	1,502	0	3,080	133	0	602	11,251	0	0	17,520	133,646	366
Nigeria	222,981	0	172	0	(s)	126	0	0	3,139	0	0	3,437	226,418	620
Venezuela	53,590	1,360	4,838	0	380	1,520	544	5,975	78,745	325	934	94,620	148,210	406
Subtotal Other OPEC	419,296	2,313	6,512	0	3,459	1,779	544	6,577	96,867	325	934	119,309	538,605	1,476
Other														
Angola	16,528	0	0	0	0	0	0	0	1,404	0	0	1,404	17,932	49
Australia	0	538	373	0	0	0	0	0	625	0	178	1,714	1,714	5
Bahamas	0	62	4,671	0	0	2,241	0	6,482	12,489	0	1,138	27,081	27,081	74
Boliva	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Brazil	5,145	0	0	71	0	0	0	0	3,239	87	20	3,417	8,563	23
Brunei	0	123	0	11	606	0	0	70	646	0	0	1,455	1,455	4
Canada	59,904	72,473	342	2,173	3,960	6	1	5,189	14,196	1,392	3,569	103,301	163,205	447
Congo	1,276	0	0	0	0	0	0	0	0	0	0	0	1,276	3
Egypt	12,155	0	172	0	0	0	0	0	0	0	0	172	12,326	34
France	0	309	552	383	236	0	0	208	375	0	64	2,126	2,126	6
Ghana	375	0	149	0	0	0	0	0	756	0	0	905	1,279	4
Liberia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Malaysia	12,143	0	69	0	439	(s)	0	135	304	0	0	947	13,091	36
Mexico	171,363	6,798	308	(s)	2	0	0	405	11,478	13	344	19,348	190,711	522
Netherlands	1	(s)	115	488	5,634	560	0	2,847	1,132	66	53	10,896	10,897	30
Netherlands Antilles	0	0	1,626	499	1,060	5,289	0	2,333	61,167	0	(s)	71,974	71,974	197
Norway	41,542	(s)	1,085	74	0	0	0	472	116	0	0	1,747	43,289	119
Oman	8,702	0	0	0	0	0	0	0	0	0	0	0	8,702	24
People's Republic of China	0	0	675	1,468	4,488	0	0	0	0	0	0	6,631	6,631	18
Peru	10,813	0	0	129	22	0	0	17	1,347	0	0	1,516	12,329	34
Puerto Rico	0	0	3,298	0	9,568	244	0	5,116	822	56	3,542	22,647	22,647	62
Romania	0	0	187	0	2,340	0	0	0	0	0	0	2,526	2,526	7
Spain	6	0	0	0	0	0	0	229	236	0	(s)	465	471	1
Syria	2,142	0	0	0	0	0	0	0	0	0	0	0	2,142	6
Trinidad and Tobago	37,186	0	1,125	0	576	423	0	977	7,118	392	753	11,363	48,550	133
Tunisia	4,104	0	0	0	0	0	0	0	0	0	0	0	4,104	11
United Kingdom	134,766	226	(s)	193	176	2	0	895	491	21	87	2,091	136,857	375
Virgin Islands	0	0	15,291	645	19,580	3,146	1,878	25,072	52,919	214	620	119,365	119,365	327
Yugoslavia	0	0	243	0	0	0	0	0	0	0	0	243	243	1
Zaire	5,977	0	0	0	0	0	0	0	0	0	0	0	5,977	16
Other Western Hemisphere	405	0	877	244	0	0	0	381	5,598	321	46	7,468	7,872	22

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, Year 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
	All PAD Districts													
Other														
Other Eastern Hemisphere	13,462	130	1,732	2,078	5,036	170	0	3,933	2,774	243	505	16,602	30,063	82
Subtotal Other	537,997	80,659	32,889	8,457	53,722	12,080	1,879	54,763	179,232	2,806	10,918	437,405	975,402	2,672
Total Imports	1,604,703	89,015	40,793	8,724	57,182	13,859	2,423	63,071	292,070	3,131	13,448	583,716	2,188,419	5,996
	PAD District I													
Arab OPEC														
Algeria	36,734	778	261	0	0	0	0	1,732	15,427	0	0	18,198	54,932	150
Iraq	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Libya	28,586	0	248	0	0	0	0	0	396	0	0	644	29,230	80
Qatar	1,409	0	0	0	0	0	0	0	0	0	0	0	1,409	4
Saudi Arabia	109,730	2,501	206	266	0	0	0	0	149	0	(s)	3,122	112,852	309
United Arab Emirates	323	0	0	0	0	0	0	0	0	0	612	612	935	3
Subtotal Arab OPEC	176,782	3,279	715	266	0	0	0	1,732	15,972	0	612	22,576	199,358	546
Other OPEC														
Ecuador	2,807	0	0	0	0	0	0	0	3,492	0	0	3,492	6,300	17
Gabon	6,381	0	0	0	0	0	0	0	0	0	0	0	6,381	17
Indonesia	22,366	0	0	0	0	0	0	0	3,750	0	0	3,750	26,115	72
Nigeria	60,150	0	0	0	(s)	0	0	0	2,254	0	0	2,254	62,404	171
Venezuela	26,408	1,069	866	0	285	856	544	5,531	76,397	0	563	86,112	112,520	308
Subtotal Other OPEC	118,111	1,069	866	0	285	856	544	5,531	85,893	0	563	95,608	213,719	586
Other														
Angola	10,283	0	0	0	0	0	0	0	1,404	0	0	1,404	11,688	32
Australia	0	0	0	0	0	0	0	0	625	0	(s)	625	625	2
Bahamas	0	62	2,524	0	0	809	0	5,191	9,770	0	0	18,355	18,355	50
Boliva	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Brazil	4,345	0	0	0	0	0	0	0	3,239	0	0	3,239	7,584	21
Canada	918	3,944	93	263	3,587	6	1	5,181	5,207	465	808	19,554	20,472	56
Egypt	2,081	0	0	0	0	0	0	0	0	0	0	0	2,081	6
France	0	196	84	79	0	0	0	206	375	0	23	962	962	3
Ghana	0	0	0	0	0	0	0	0	756	0	0	756	756	2
Liberia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Mexico	23,328	0	0	0	0	0	0	220	5,402	0	0	5,621	28,950	79
Netherlands	1	0	115	488	5,634	89	0	2,847	1,132	0	52	10,358	10,359	28
Netherlands Antilles	0	0	952	499	1,060	4,128	0	2,333	60,458	0	(s)	69,431	69,431	190
Norway	15,209	0	1,085	0	0	0	0	472	116	0	0	1,673	16,881	46
Oman	4,259	0	0	0	0	0	0	0	0	0	0	0	4,259	12
People's Republic of China	0	0	0	159	0	0	0	0	0	0	0	159	159	(s)
Peru	4,277	0	0	129	0	0	0	0	1,267	0	0	1,397	5,674	16
Puerto Rico	0	0	3,154	0	9,177	244	0	4,909	822	56	2,536	20,898	20,898	57
Romania	0	0	187	0	375	0	0	0	0	0	0	562	562	2
Spain	3	0	0	0	0	0	0	229	236	0	(s)	465	468	1
Trinidad and Tobago	5,084	0	0	0	394	222	0	959	6,590	141	432	8,737	13,820	38
Tunisia	2,186	0	0	0	0	0	0	0	0	0	0	0	2,186	6
United Kingdom	35,045	226	0	0	176	2	0	895	491	21	52	1,863	36,909	101

See footnotes at end of table.

(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	PAD District I													
Other														
Virgin Islands	0	0	6,958	0	19,580	2,295	1,878	24,230	52,919	0	0	107,860	107,860	296
Zaire	4,122	0	0	0	0	0	0	0	0	0	0	0	4,122	11
Other Western Hemisphere	0	0	363	0	0	0	0	381	5,226	125	0	6,095	6,095	17
Other Eastern Hemisphere	1,346	128	1,001	1,106	3,721	0	0	3,864	2,258	8	122	12,208	13,554	37
Subtotal Other	112,490	4,555	16,515	2,724	43,704	7,795	1,879	51,917	158,291	816	4,025	292,223	404,712	1,109
Total Imports	407,384	8,903	18,096	2,990	43,989	8,651	2,423	59,180	260,156	816	5,200	410,406	817,790	2,241
	PAD District II													
Arab OPEC														
Algeria	19,831	0	0	0	0	0	0	0	0	0	0	0	19,831	54
Libya	21,645	0	0	0	0	0	0	0	0	0	0	0	21,645	59
Qatar	508	0	0	0	0	0	0	0	0	0	0	0	508	1
Saudi Arabia	31,321	0	0	0	0	0	0	0	0	0	0	0	31,321	86
United Arab Emirates	5,507	0	0	0	0	0	0	0	0	0	0	0	5,507	15
Subtotal Arab OPEC	78,811	0	0	0	0	0	0	0	0	0	0	0	78,811	216
Other OPEC														
Ecuador	792	0	0	0	0	0	0	0	0	0	0	0	792	2
Gabon	1,566	0	0	0	0	0	0	0	0	0	0	0	1,566	4
Indonesia	572	0	0	0	0	0	0	0	0	0	0	0	572	2
Nigeria	40,101	0	0	0	0	0	0	0	0	0	0	0	40,101	110
Venezuela	1,379	0	0	0	0	0	0	0	0	0	0	0	1,379	4
Subtotal Other OPEC	44,411	0	0	0	0	0	0	0	0	0	0	0	44,411	122
Other														
Brazil	358	0	0	0	0	0	0	0	0	0	0	0	358	1
Canada	41,415	58,314	248	1,691	58	0	0	5	8,592	686	206	69,799	111,213	305
Egypt	1,262	0	0	0	0	0	0	0	0	0	0	0	1,262	3
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	149	0	0	0	0	0	0	0	0	149	149	(s)
Mexico	36,899	0	0	0	0	0	0	0	0	0	0	0	36,899	101
Netherlands	0	0	0	0	0	0	0	0	0	0	1	1	1	(s)
Norway	6,366	0	0	0	0	0	0	0	0	0	0	0	6,366	17
Oman	3,155	0	0	0	0	0	0	0	0	0	0	0	3,155	9
Peru	1,160	0	0	0	0	0	0	0	0	0	0	0	1,160	3
Trinidad and Tobago	5,447	0	0	0	0	0	0	0	0	0	0	0	5,447	15
Tunisia	463	0	0	0	0	0	0	0	0	0	0	0	463	1
United Kingdom	20,430	0	0	0	0	0	0	0	0	0	(s)	(s)	20,430	56
Other Western Hemisphere	271	0	0	0	0	0	0	0	0	0	0	0	271	1
Other Eastern Hemisphere	7,945	2	0	0	0	0	0	0	0	0	(s)	2	7,948	22
Subtotal Other	125,171	58,317	396	1,691	58	0	0	5	8,592	686	206	69,950	195,121	535
Total Imports	248,393	58,317	396	1,691	58	0	0	5	8,592	686	206	69,950	318,344	872

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, Year 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District III														
Arab OPEC														
Algeria	34,674	0	0	0	0	0	0	0	0	0	0	0	34,674	95
Libya	64,745	0	0	0	0	0	0	0	0	0	325	325	65,070	178
Qatar	747	0	0	0	0	0	0	0	0	0	0	0	747	2
Saudi Arabia	260,848	2,763	249	0	0	0	0	0	0	0	0	3,013	263,860	723
United Arab Emirates	19,843	0	0	0	0	0	0	0	0	0	181	181	20,024	55
Subtotal Arab OPEC	380,858	2,763	249	0	0	0	0	0	0	0	506	3,519	384,376	1,053
Other OPEC														
Ecuador	9,922	0	0	0	0	0	0	0	240	0	0	240	10,161	28
Gabon	4,686	0	0	0	0	0	0	0	0	0	0	0	4,686	13
Indonesia	16,501	953	1,408	0	0	0	0	0	0	0	0	2,361	18,862	52
Nigeria	122,627	0	172	0	0	0	0	0	885	0	0	1,057	123,684	339
Venezuela	25,803	291	3,972	0	95	0	0	444	2,347	325	371	7,844	33,647	92
Subtotal Other OPEC	179,539	1,244	5,551	0	95	0	0	444	3,473	325	371	11,502	191,041	523
Other														
Angola	6,245	0	0	0	0	0	0	0	0	0	0	0	6,245	17
Australia	0	355	373	0	0	0	0	0	0	0	0	728	728	2
Bahamas	0	0	1,475	0	0	0	0	1,290	2,719	0	1,138	6,621	6,621	18
Brazil	442	0	0	71	0	0	0	0	0	87	20	178	621	2
Brunei	0	123	0	0	0	0	0	0	0	0	0	123	123	(s)
Canada	0	5	2	0	0	0	0	0	169	83	(s)	258	258	1
Congo	1,276	0	0	0	0	0	0	0	0	0	0	0	1,276	3
Egypt	7,263	0	172	0	0	0	0	0	0	0	0	172	7,435	20
France	0	114	468	304	236	0	0	2	0	0	40	1,164	1,164	3
Ghana	375	0	0	0	0	0	0	0	0	0	0	0	375	1
Malaysia	1,529	0	0	0	0	0	0	0	0	0	0	0	1,529	4
Mexico	110,633	6,798	308	0	(s)	0	0	56	6,076	0	340	13,577	124,210	340
Netherlands	0	0	0	0	0	0	0	0	0	66	0	66	66	(s)
Netherlands Antilles	0	0	674	0	0	615	0	0	709	0	0	1,997	1,997	5
Norway	19,967	(s)	0	74	0	0	0	0	0	0	0	74	20,042	55
Oman	451	0	0	0	0	0	0	0	0	0	0	0	451	1
People's Republic of China	0	0	0	158	163	0	0	0	0	0	0	322	322	1
Peru	5,376	0	0	0	0	0	0	0	0	0	0	0	5,376	15
Puerto Rico	0	0	144	0	0	0	0	0	0	0	1,006	1,150	1,150	3
Romania	0	0	0	0	1,964	0	0	0	0	0	0	1,964	1,964	5
Spain	3	0	0	0	0	0	0	0	0	0	0	0	3	(s)
Syria	2,142	0	0	0	0	0	0	0	0	0	0	0	2,142	6
Trinidad and Tobago	25,745	0	722	0	0	0	0	0	528	58	274	1,582	27,327	75
Tunisia	1,456	0	0	0	0	0	0	0	0	0	0	0	1,456	4
United Kingdom	78,829	0	(s)	193	0	0	0	0	0	0	35	228	79,057	217
Virgin Islands	0	0	8,333	645	0	233	0	842	0	214	620	10,887	10,887	30
Yugoslavia	0	0	243	0	0	0	0	0	0	0	0	243	243	1
Zaire	1,855	0	0	0	0	0	0	0	0	0	0	0	1,855	5
Other Western Hemisphere	133	0	514	244	0	0	0	0	372	196	46	1,372	1,506	4
Other Eastern Hemisphere	4,170	0	215	398	0	0	0	0	10	234	213	1,069	5,240	14
Subtotal Other	267,891	7,394	13,642	2,087	2,364	847	0	2,190	10,583	939	3,732	43,777	311,668	854

See footnotes at end of table.

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Total Imports	828,287	11,401	19,442	2,087	2,459	847	0	2,634	14,055	1,264	4,608	58,797	887,084	2,430
	PAD District IV													
Other														
Canada	10,513	5,240	0	0	315	0	0	2	0	(s)	2,319	7,877	18,390	50
Subtotal Other	10,513	5,240	0	0	315	0	0	2	0	(s)	2,319	7,877	18,390	50
Total Imports	10,513	5,240	0	0	315	0	0	2	0	(s)	2,319	7,877	18,390	50
	PAD District V													
Arab OPEC														
Algeria	3,926	0	0	0	0	0	0	0	0	0	0	0	3,926	11
Libya	596	0	0	0	0	0	0	0	0	0	0	0	596	2
Saudi Arabia	4,160	0	0	0	0	0	0	0	0	0	0	0	4,160	11
United Arab Emirates	2,277	0	428	0	0	0	0	0	0	0	479	907	3,184	9
Subtotal Arab OPEC	10,959	0	428	0	0	0	0	0	0	0	479	907	11,866	33
Other OPEC														
Ecuador	446	0	0	0	0	0	0	0	0	0	0	0	446	1
Indonesia	76,687	0	94	0	3,080	133	0	602	7,501	0	0	11,410	88,097	241
Nigeria	102	0	0	0	0	126	0	0	0	0	0	126	228	1
Venezuela	0	0	0	0	0	664	0	0	0	0	0	664	664	2
Subtotal Other OPEC	77,235	0	94	0	3,080	923	0	602	7,501	0	0	12,199	89,434	245
Other														
Australia	0	183	0	0	0	0	0	0	0	0	177	361	361	1
Bahamas	0	0	672	0	0	1,432	0	(s)	0	0	0	2,105	2,105	6
Brunei	0	0	0	11	606	0	0	70	646	0	0	1,332	1,332	4
Canada	7,059	4,970	0	218	0	0	0	1	229	159	236	5,813	12,872	35
Egypt	1,548	0	0	0	0	0	0	0	0	0	0	0	1,548	4
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	10,614	0	69	0	439	(s)	0	135	304	0	0	947	11,562	32
Mexico	503	0	0	(s)	2	0	0	130	0	13	5	149	652	2
Netherlands	0	(s)	0	0	0	471	0	0	0	0	0	471	471	1
Netherlands Antilles	0	0	0	0	0	546	0	0	0	0	0	546	546	1
Oman	837	0	0	0	0	0	0	0	0	0	0	0	837	2
People's Republic of China	0	0	675	1,151	4,325	0	0	0	0	0	0	6,150	6,150	17
Peru	0	0	0	0	22	0	0	17	80	0	0	120	120	(s)
Puerto Rico	0	0	0	0	392	0	0	208	0	0	0	600	600	2
Trinidad and Tobago	911	0	403	0	182	201	0	19	0	193	47	1,044	1,955	5
United Kingdom	461	0	0	0	0	0	0	0	(s)	0	0	(s)	461	1
Virgin Islands	0	0	0	0	0	618	0	0	0	0	0	618	618	2
Other Eastern Hemisphere	0	(s)	516	575	1,315	170	0	69	507	0	170	3,322	3,322	9
Subtotal Other	21,932	5,154	2,336	1,955	7,282	3,438	0	649	1,765	365	635	23,579	45,511	125
Total Imports	110,126	5,154	2,858	1,955	10,362	4,361	0	1,251	9,266	365	1,114	36,685	146,811	402

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, Year 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	2	16,438	0	0	66,726	83,166
Liquefied Petroleum Gases and Ethane	855	7,041	5,899	3	1,567	15,365
Ethane	(s)	(s)	(s)	0	0	1
Propane	384	2,818	2,735	1	778	6,717
Butane	471	4,223	3,163	2	789	8,647
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	12	186	1	0	499	697
Naphtha-Type Jet Fuel	1	0	234	0	1	236
Kerosene-Type Jet Fuel	2	0	206	1	217	425
Kerosene	12	5	6	0	9	32
Distillate Fuel Oil	20	6	676	0	1,182	1,885
Residual Fuel Oil	206	34	19,829	1	23,173	43,243
Naphtha < 400 Deg. for Petrochem. Feedstock	779	95	829	6	97	1,806
Other Oils > 400 Deg. for Petrochem. Feedstock	268	490	4,863	0	1,906	7,526
Special Naphthas	42	32	4,017	1	29	4,120
Lubricants	1,939	214	4,124	14	690	6,981
Wax	57	8	339	1	89	494
Petroleum Coke	4,381	4,625	19,773	3	21,510	50,292
Asphalt	36	52	11	5	42	146
Miscellaneous Products	299	9	247	1	53	610
Total Product Exports	8,908	12,799	61,054	34	51,062	133,857
Total Exports	8,910	29,238	61,054	34	117,788	217,024

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, Year 1981
(Thousands of Barrels)

Destination	Crude Oil[1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	2	0	0	(s)	0	1	145	5	310	1	265	730	2
Australia	0	25	0	0	0	0	38	116	9	683	2	415	1,288	4
Bahamas	0	10	7	2	1	265	(s)	19	0	0	0	4	309	1
Bahrain	0	3	0	0	0	0	(s)	2	(s)	298	1	(s)	304	1
Belgium & Luxembourg	0	16	0	0	90	0	4	174	2	4,014	1	9	4,310	12
Brazil	0	31	(s)	0	0	0	8	113	1	53	0	20	226	1
Cameroon	0	0	0	0	0	0	0	2	(s)	214	0	(s)	216	1
Canada	16,440	7,081	186	(s)	9	1,737	32	777	33	5,359	63	824	32,542	89
Chile	0	6	0	(s)	(s)	0	4	106	3	2	(s)	13	135	(s)
China (Taiwan)	0	3	0	0	1	2,220	2	135	2	226	(s)	27	2,617	7
Colombia	0	8	0	0	0	0	2	86	3	69	(s)	17	185	1
Costa Rica	0	1	0	0	0	0	1	28	2	0	(s)	6	38	(s)
Denmark	0	6	0	0	0	0	(s)	2	1	371	0	4	384	1
Dominican Republic	0	3	0	0	(s)	0	4	12	3	35	0	4	62	(s)
Ecuador	0	3	0	0	(s)	(s)	3	9	2	0	1	16	34	(s)
Egypt	0	2	0	0	0	0	14	44	(s)	322	(s)	15	399	1
El Salvador	0	1	0	0	0	0	(s)	50	1	0	(s)	1	54	(s)
Finland	0	0	0	0	0	0	(s)	7	(s)	82	(s)	3	93	(s)
France	0	7	2	(s)	1	387	(s)	11	19	3,579	1	1,334	5,341	15
French Pacific Isl	0	(s)	84	0	83	987	(s)	8	(s)	0	(s)	5	1,168	3
Ghana	0	(s)	0	0	0	0	(s)	18	(s)	415	(s)	1	435	1
Greece	0	7	0	0	0	0	1	5	(s)	1,162	0	3	1,178	3
Guatemala	0	3	0	0	0	0	5	39	23	0	(s)	7	78	(s)
Guinea	0	1	0	0	0	0	0	5	0	0	0	(s)	6	(s)
Honduras	0	2	1	0	0	0	3	40	(s)	(s)	0	2	48	(s)
Hong Kong	7	14	(s)	0	13	509	(s)	19	3	1	4	9	581	2
India	0	1	0	0	0	0	(s)	242	2	87	(s)	51	383	1
Indonesia	0	3	0	0	0	0	1	184	1	83	2	21	294	1
Iran	0	0	0	0	0	0	0	(s)	0	55	0	(s)	55	(s)
Israel	0	7	0	0	0	0	(s)	5	2	(s)	0	4	19	(s)
Italy	0	11	0	0	(s)	2,733	20	25	5	3,816	(s)	1,467	8,077	22
Ivory Coast	0	(s)	0	0	0	0	(s)	28	0	1	(s)	1	29	(s)
Jamaica	0	2	0	0	(s)	0	2	152	1	0	(s)	22	179	(s)
Japan	0	44	(s)	235	409	1,887	37	405	48	10,596	(s)	353	14,014	38
Jordan	0	1	0	0	3	0	0	18	0	0	0	1	22	(s)
Korea, Republic of	0	13	0	0	127	2,433	3	43	5	661	12	316	3,613	10
Kuwait	0	5	0	0	0	0	1	25	0	1	1	9	41	(s)
Lebanon	0	1	0	0	0	0	(s)	5	(s)	0	0	(s)	6	(s)
Liberia	0	1	0	0	0	0	(s)	26	(s)	0	(s)	4	30	(s)
Malaysia	0	(s)	0	0	0	0	1	8	(s)	19	(s)	143	170	(s)
Mexico	0	6,821	415	218	112	1	70	915	79	671	7	107	9,416	26
Netherlands	0	295	0	206	192	7,707	65	193	4	5,546	(s)	1,093	15,301	42
Netherlands Antilles	0	4	0	0	0	0	(s)	16	1	0	(s)	303	325	1
New Zealand	0	3	0	0	0	0	7	22	1	366	1	12	412	1
Nicaragua	0	(s)	0	0	0	0	4	84	(s)	0	(s)	2	90	(s)
Nigeria	0	4	0	0	(s)	0	2	103	0	0	(s)	24	133	(s)
Norway	0	1	0	0	214	0	0	15	(s)	990	1	1	1,222	3
Pacific Trust Terr.	0	1	0	0	0	0	0	1	0	0	21	(s)	24	(s)
Panama	0	4	(s)	0	134	746	(s)	52	1	(s)	(s)	5	942	3
Peru	0	2	0	0	(s)	0	1	80	2	1	(s)	9	95	(s)
Philippines	0	36	0	0	0	(s)	1	68	2	1	(s)	98	205	1

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, Year 1981 (Thousands of Barrels)

(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri- cants	Wax	Petro- leum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	19,858	219	(s)	0	340	4,720	3,749	195	17	255	1	110	29,465	81
Rep. of South Africa	0	9	0	0	144	0	(s)	143	42	374	2	633	1,347	4
Saudi Arabia	0	87	0	0	(s)	(s)	1	414	(s)	17	2	52	574	2
Singapore	0	5	0	0	0	4,699	3	33	1	15	2	21	4,779	13
Spain	0	3	0	0	3	2,883	0	8	2	2,996	(s)	633	6,527	18
Surinam	0	(s)	0	0	0	0	1	3	0	94	(s)	1	99	(s)
Sweden	0	6	0	0	(s)	1,494	0	58	1	353	4	195	2,111	6
Switzerland	0	8	0	0	0	0	(s)	8	1	0	(s)	7	24	(s)
Thailand	0	97	0	0	0	320	1	26	(s)	13	(s)	90	548	2
Trinidad and Tobago	0	35	0	0	0	0	0	40	(s)	2	1	4	82	(s)
Turkey	0	0	0	0	(s)	0	1	18	(s)	138	0	119	276	1
United Arab Emirates	0	7	0	0	0	0	1	315	0	286	4	3	615	2
United Kingdom	0	29	1	(s)	7	247	8	202	4	1,034	2	438	1,971	5
U.S.S.R.	0	0	0	0	0	0	0	528	0	1,007	0	13	1,548	4
Uruguay	0	(s)	0	0	0	0	(s)	15	(s)	0	(s)	1	17	(s)
Venezuela	0	197	(s)	0	(s)	0	9	16	4	848	1	184	1,260	3
Virgin Islands	45,246	9	0	0	0	5,698	(s)	2	0	0	0	1	50,956	140
West Germany	0	61	0	0	1	0	5	86	154	2,507	1	327	3,142	9
Yugoslavia	0	0	0	0	0	0	0	3	(s)	256	0	1	260	1
Other	1,615	98	1	(s)	(s)	1,569	1	178	2	8	3	87	3,562	10
Total	83,166	15,365	697	661	1,885	43,243	4,120	6,981	494	50,292	146	9,973	217,024	595

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (Incl. lease condensate)[1]																	
Refinery	—	—	17,542	—	—	—	—	15,602	—	—	—	—	—	44,626	2,139	26,970	106,879
Tank Farms and Pipelines	—	—	3,072	—	—	—	—	67,362	—	—	—	—	—	98,134	10,794	30,512	209,874
Leases	—	—	77	—	—	—	—	1,484	—	—	—	—	—	17,448	1,312	1,631	21,952
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	230,341	0	0	230,341
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	24,759	24,759
Total	—	—	20,691	—	—	—	—	84,448	—	—	—	—	—	390,549	14,245	83,872	593,805
Petroleum Products																	
Refinery	43,613	4,712	48,325	900	45,742	6,904	25,126	78,672	11,995	78,630	48,512	5,689	2,031	146,857	15,730	69,929	359,513
Bulk Terminal	155,336	7,981	163,317	4,358	43,983	11,301	14,877	74,519	4,798	40,961	9,709	4,360	512	60,340	2,532	26,049	326,757
Pipeline	26,100	3,206	29,306	1,807	13,013	3,736	17,057	35,613	8,507	8,918	7,323	14,565	1,055	40,368	2,732	4,766	112,785
Natural Gas Processing Plant	439	529	968	0	2,594	279	25,400	28,273	6,974	32,390	14,350	5,396	1,050	60,159	323	1,064	90,788
Total	225,488	16,428	241,916	7,065	105,332	22,220	82,460	217,077	32,274	160,899	79,894	30,010	4,648	307,724	21,317	101,808	889,843
Natural Gasoline and Isopentane																	
Refinery	2	4	6	0	14	123	149	286	67	261	138	2	24	492	57	27	868
Pipeline	0	0	0	0	114	1	129	244	194	109	0	73	56	432	165	5	846
Natural Gas Processing Plant	2	21	23	0	12	20	1,113	1,146	432	5,234	633	62	88	6,448	46	16	7,679
Total	4	25	29	0	140	144	1,391	1,676	693	5,604	771	137	168	7,372	268	48	9,393
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	3
Pipeline	0	0	0	0	78	0	33	111	0	28	29	0	0	57	0	0	168
Natural Gas Processing Plant	0	0	0	0	95	2	1,359	1,457	268	2,251	255	3	115	2,892	30	2	4,381
Total	0	0	0	0	173	2	1,392	1,568	268	2,282	284	3	115	2,952	30	2	4,552
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	14	171	0	85	0	270	0	0	275
Pipeline	0	0	0	0	45	0	0	45	829	254	49	9	17	1,158	0	0	1,203
Natural Gas Processing Plant	0	0	0	0	2	0	4	7	27	35	13	12	1	88	2	0	96
Total	0	0	0	0	52	0	4	57	870	460	62	106	18	1,516	2	0	1,574
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	586	0	0	0	586	0	0	596
Bulk Terminal	0	0	0	0	45	0	44	89	0	711	0	0	0	711	0	0	800
Pipeline	0	0	0	0	48	762	153	963	232	79	123	0	3	437	0	0	1,400
Natural Gas Processing Plant	0	0	0	0	22	0	573	595	422	690	411	(s)	0	1,524	(s)	0	2,119
Total	0	0	0	0	125	762	770	1,657	654	2,066	534	(s)	3	3,258	(s)	0	4,915
Propane for Petrochemical Feedstock Use																	
Refinery	34	0	34	0	86	0	4	90	0	5	0	0	0	5	1	0	130
Total	34	0	34	0	86	0	4	90	0	5	0	0	0	5	1	0	130
Propane for Other Uses																	
Refinery	597	5	602	5	1,337	20	277	1,639	254	1,174	1,081	4	1	2,514	180	239	5,174
Bulk Terminal	648	0	648	0	1,441	101	403	1,945	153	15,102	0	31	0	15,286	34	0	17,913
Pipeline	705	1,855	2,560	63	798	263	1,729	2,853	512	85	251	770	142	1,760	118	0	7,291
Natural Gas Processing Plant	367	503	869	0	2,301	242	16,067	18,609	4,075	8,024	7,468	4,998	336	24,900	200	471	45,050
Total	2,317	2,363	4,679	68	5,877	626	18,476	25,046	4,994	24,385	8,800	5,803	479	44,460	532	710	75,428

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	14	0	14	0	17	0	1	0	18	1	2	35
Total	0	0	0	0	0	14	0	14	0	17	0	1	0	18	1	2	35
Butane for Other Uses																	
Refinery	227	19	246	141	545	56	272	1,014	185	466	193	2	6	852	195	593	2,900
Bulk Terminal	201	0	201	0	330	0	136	466	102	5,926	0	0	0	6,028	0	0	6,695
Pipeline	56	169	225	0	881	23	400	1,304	1,206	112	5	156	57	1,536	49	0	3,114
Natural Gas Processing Plant	51	3	55	0	114	12	2,894	3,021	907	6,132	3,820	189	87	11,135	36	263	14,510
Total	535	191	727	141	1,870	91	3,702	5,805	2,400	12,636	4,018	347	150	19,551	280	856	27,219
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	9	14	0	7	30	2	255	287
Bulk Terminal	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	10
Pipeline	0	0	0	0	0	0	19	19	647	26	10	0	1	684	0	0	703
Natural Gas Processing Plant	0	0	0	0	3	0	28	31	49	7	659	2	0	717	(s)	4	752
Total	0	0	0	0	13	0	47	60	696	42	683	2	8	1,431	2	259	1,752
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	2	2	332	3,340	0	0	0	3,672	0	0	3,674
Pipeline	0	0	0	0	66	0	585	651	705	86	2	0	144	937	182	0	1,770
Natural Gas Processing Plant	0	0	0	0	0	0	2,767	2,767	268	7,602	0	(s)	353	8,223	0	0	10,990
Total	0	0	0	0	66	0	3,354	3,420	1,305	11,028	2	(s)	497	12,832	182	0	16,434
Isobutane																	
Refinery	6	4	10	28	184	36	172	420	50	441	181	11	4	687	59	18	1,194
Bulk Terminal	0	0	0	0	39	0	3	42	88	1,956	0	0	0	2,044	0	0	2,086
Pipeline	0	0	0	0	416	4	118	538	146	44	0	100	57	347	43	0	928
Natural Gas Processing Plant	1	2	2	0	40	4	593	637	228	2,108	1,081	94	70	3,582	1	309	4,530
Total	7	6	12	28	679	44	886	1,637	512	4,549	1,262	205	131	6,660	103	327	8,738
Other Hydrocarbons and Alcohol																	
Refinery	0	5	5	0	115	0	1	116	13	70	2	0	0	85	1	1	208
Total	0	5	5	0	115	0	1	116	13	70	2	0	0	85	1	1	208
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,000	399	3,399	42	3,341	132	1,284	4,799	1,116	6,191	4,440	376	204	12,327	524	4,564	25,613
Kerosene and Lighter Gas Oils	1,431	260	1,691	0	1,803	5	1,283	3,091	220	6,767	1,664	32	3	8,686	622	3,919	18,009
Heavy Gas Oils	6,178	494	6,672	108	4,511	280	2,970	7,869	1,347	10,574	7,712	253	35	19,921	1,358	11,806	47,626
Residuum	1,260	269	1,529	1	3,437	21	1,971	5,430	215	4,037	2,340	91	12	6,695	636	5,810	20,100
Total	11,869	1,422	13,291	151	13,092	438	7,508	21,189	2,898	27,569	16,156	752	254	47,629	3,140	26,099	111,348

See footnotes at end of table.

(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	6,290	160	6,450	30	6,690	641	3,031	10,392	2,224	9,556	6,816	138	269	19,003	2,629	9,291	47,765
Bulk Terminal	465	0	465	4	90	1	306	401	111	57	0	1	0	169	7	437	1,479
Pipeline	0	0	0	0	0	2	265	267	21	0	0	0	0	21	0	0	288
Total	6,755	160	6,915	34	6,780	644	3,602	11,060	2,356	9,613	6,816	139	269	19,193	2,636	9,728	49,532
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	154	0	6	160	72	189	220	0	0	481	0	50	691
Total	0	0	0	0	154	0	6	160	72	189	220	0	0	481	0	50	691
Total Finished Motor Gasoline																	
Refinery	5,957	610	6,567	81	6,454	1,832	4,423	12,790	2,258	9,412	6,231	719	293	18,913	3,015	9,735	51,020
Bulk Terminal	37,998	3,282	41,280	2,253	19,084	4,707	6,014	32,058	1,983	5,800	1,678	2,605	316	12,382	1,466	11,204	98,390
Pipeline	13,865	858	14,723	1,023	6,974	1,425	7,271	16,693	2,714	4,818	3,936	7,328	180	18,976	1,357	2,279	54,028
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	8	0	0	0	0	8	5	0	31
Total Finished Motor Gasoline	57,838	4,750	62,588	3,357	32,512	7,964	17,708	61,541	6,963	20,030	11,845	10,652	789	50,279	5,843	23,218	203,469
Finished Leaded Motor Gasoline																	
Refinery	2,766	277	3,043	35	3,318	1,235	2,886	7,474	1,311	4,548	3,408	600	198	10,065	2,009	4,398	26,989
Bulk Terminal	19,021	1,577	20,598	1,160	10,448	2,979	3,927	18,514	1,086	3,262	748	1,369	200	6,665	974	5,862	52,613
Pipeline	6,813	341	7,154	610	3,755	869	4,853	10,087	1,269	2,707	1,246	3,859	96	9,177	1,037	1,000	28,455
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	6	0	0	0	0	6	3	0	28
Total	28,618	2,195	30,813	1,805	17,521	5,083	11,666	36,075	3,672	10,517	5,402	5,828	494	25,913	4,023	11,260	108,085
Finished Unleaded Motor Gasoline																	
Refinery	3,191	333	3,524	46	3,136	597	1,537	5,316	943	4,864	2,823	119	95	8,844	1,004	5,337	24,025
Bulk Terminal	18,963	1,705	20,668	1,093	8,611	1,728	2,082	13,514	889	2,538	930	1,236	116	5,709	492	5,342	45,725
Pipeline	7,052	517	7,569	413	3,219	555	2,418	6,605	1,445	2,111	2,690	3,469	84	9,799	320	1,279	25,572
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	3
Total	29,206	2,555	31,761	1,552	14,966	2,880	6,037	25,435	3,278	9,513	6,443	4,824	295	24,353	1,818	11,958	95,325
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	4	0	0	0	0	4	2	0	6
Bulk Terminal	14	0	14	0	25	0	5	30	8	0	0	0	0	8	0	0	52
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	14	0	14	0	25	1	5	31	12	0	0	0	0	12	2	0	59
Finished Aviation Gasoline																	
Refinery	38	0	38	0	140	0	54	194	14	368	214	0	0	596	39	224	1,091
Bulk Terminal	383	45	428	0	211	92	85	388	52	23	9	24	41	149	17	483	1,465
Pipeline	14	0	14	0	13	0	31	44	16	21	0	0	0	37	0	0	95
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	82	0	0	0	0	82	0	0	82
Total	435	45	480	0	364	92	170	626	164	412	223	24	41	864	56	707	2,733
Naphtha-Type Jet Fuel																	
Refinery	456	61	517	0	383	36	403	822	359	997	377	103	272	2,108	180	1,229	4,856
Bulk Terminal	21	0	21	3	54	55	179	291	162	160	0	47	0	369	14	65	760
Pipeline	296	0	296	3	10	0	96	109	99	0	12	146	268	525	65	443	1,438
Total	773	61	834	6	447	91	678	1,222	620	1,157	389	296	540	3,002	259	1,737	7,054

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	945	15	960	39	1,277	56	186	1,558	388	2,089	2,618	9	35	5,139	252	3,593	11,502
Bulk Terminal	4,773	195	4,968	30	2,708	476	512	3,726	249	1,497	51	44	32	1,873	154	2,469	13,190
Pipeline	2,046	91	2,137	126	836	148	1,478	2,588	596	1,255	630	1,279	44	3,804	165	625	9,319
Total	7,764	301	8,065	195	4,821	680	2,176	7,872	1,233	4,841	3,299	1,332	111	10,816	571	6,687	34,011
Kerosene																	
Refinery	114	109	223	0	553	40	179	772	39	1,150	591	8	74	1,862	78	91	3,026
Bulk Terminal	4,513	228	4,741	196	707	54	28	985	16	253	124	16	0	409	33	72	6,240
Pipeline	436	4	440	76	185	0	318	579	5	74	286	309	0	674	0	80	1,773
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	5,063	341	5,404	272	1,445	94	525	2,336	62	1,477	1,001	333	75	2,948	111	243	11,042
Total Distillate Fuel Oils																	
Refinery	7,353	636	7,989	82	7,511	1,809	4,977	14,379	1,164	9,309	5,448	1,767	409	18,097	2,477	6,124	49,066
Bulk Terminal	67,263	3,280	70,543	1,371	15,273	4,704	5,680	27,028	1,514	3,760	1,772	1,324	119	8,489	806	7,223	114,089
Pipeline	8,682	229	8,911	516	2,549	1,108	4,432	8,605	554	1,927	1,990	4,395	86	8,952	588	1,319	28,375
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	1	0	10	0	0	11
Total Distillate Fuel Oil	83,298	4,145	87,443	1,969	25,333	7,621	15,090	50,013	3,234	14,996	9,217	7,487	614	35,548	3,871	14,666	191,541
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,353	628	7,981	82	7,417	1,809	4,977	14,285	1,049	9,063	5,344	1,681	291	17,428	2,466	6,079	48,239
Bulk Terminal	65,256	3,280	68,536	1,364	15,093	4,704	5,680	26,841	1,514	3,759	1,772	1,323	119	8,487	806	7,186	111,856
Pipeline	8,682	229	8,911	516	2,549	1,108	4,432	8,605	554	1,927	1,990	4,395	86	8,952	588	1,319	28,375
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	1	0	10	0	0	11
Total	81,291	4,137	85,428	1,962	25,059	7,621	15,090	49,732	3,119	14,749	9,113	7,400	496	34,877	3,860	14,584	188,481
No. 4 Fuel Oil																	
Refinery	0	8	8	0	94	0	0	94	115	246	104	86	118	669	11	45	827
Bulk Terminal	2,007	0	2,007	7	180	0	0	187	0	1	0	1	0	2	0	37	2,233
Total	2,007	8	2,015	7	274	0	0	281	115	247	104	87	118	671	11	82	3,060
Residual Fuel Oils																	
Refinery	5,145	168	5,313	44	2,858	659	817	4,378	385	5,546	4,123	437	112	10,603	662	7,692	28,648
Bulk Terminal	34,531	300	34,831	197	2,343	221	1,157	3,918	33	2,337	5,633	132	0	8,135	0	2,445	49,329
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	39,676	468	40,144	241	5,201	880	1,974	8,296	418	7,883	9,756	569	112	18,738	662	10,152	77,992
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	139	0	139	0	57	0	63	120	222	1,357	334	38	0	1,951	0	259	2,469
Total	139	0	139	0	57	0	63	120	222	1,357	334	38	0	1,951	0	259	2,469
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	1	78	79	0	222	0	1	223	454	608	177	46	0	1,285	0	163	1,750
Total	1	78	79	0	222	0	1	223	454	608	177	46	0	1,285	0	163	1,750
Special Naphthas																	
Refinery	18	54	72	1	274	0	226	501	55	1,134	65	210	0	1,464	10	203	2,250
Bulk Terminal	1,110	26	1,136	88	200	37	53	378	0	0	0	9	0	9	0	58	1,581
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	134	0	0	0	0	134	0	0	134
Total	1,128	80	1,208	89	474	37	279	879	189	1,134	65	219	0	1,607	10	261	3,965

See footnotes at end of table.

(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	224	440	664	0	82	0	72	154	0	185	124	0	0	309	5	41	1,173
Neutral	1,001	359	1,360	0	635	0	437	1,072	0	1,806	870	106	0	2,782	86	495	5,795
Other	782	161	943	0	194	0	152	346	60	2,260	353	152	1	2,826	9	121	4,245
Bulk Terminals	1,025	238	1,263	15	481	24	85	605	3	39	288	76	4	410	1	812	3,091
Total	3,032	1,198	4,230	15	1,392	24	746	2,177	63	4,290	1,635	334	5	6,327	101	1,469	14,304
Wax, Microcrystalline																	
Refinery	0	32	32	0	0	0	15	15	23	23	11	0	0	57	0	0	104
Total	0	32	32	0	0	0	15	15	23	23	11	0	0	57	0	0	104
Wax, Crystalline–Fully Refined																	
Refinery	10	24	34	0	17	0	36	53	0	62	148	0	0	210	1	34	332
Total	10	24	34	0	17	0	36	53	0	62	148	0	0	210	1	34	332
Wax, Crystalline–Other																	
Refinery	2	53	55	0	2	0	7	9	0	157	0	0	0	157	0	13	234
Total	2	53	55	0	2	0	7	9	0	157	0	0	0	157	0	13	234
Petroleum Coke																	
Refinery	659	0	659	0	448	245	227	920	1	360	505	4	0	870	580	1,473	4,502
Total	659	0	659	0	448	245	227	920	1	360	505	4	0	870	580	1,473	4,502
Asphalt																	
Refinery	1,475	243	1,718	297	2,048	885	1,388	4,618	731	696	1,055	1,044	270	3,796	2,069	1,543	13,744
Bulk Terminal	2,380	387	2,767	201	921	824	187	2,133	0	0	154	36	0	190	0	753	5,843
Total	3,855	630	4,485	498	2,969	1,709	1,575	6,751	731	696	1,209	1,080	270	3,986	2,069	2,296	19,587
Road Oil																	
Refinery	0	0	0	0	13	0	5	18	0	0	0	2	0	2	2	4	26
Total	0	0	0	0	13	0	5	18	0	0	0	2	0	2	2	4	26
Miscellaneous Products																	
Refinery	269	50	319	1	342	14	38	395	65	594	467	49	0	1,175	0	317	2,206
Bulk Terminal	25	0	25	0	46	5	3	54	0	0	0	15	0	15	0	28	122
Pipeline	0	0	0	0	0	0	0	0	31	0	0	0	0	31	0	0	31
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	72	306	1	34	(s)	414	2	0	421
Total	294	50	344	1	392	19	41	453	168	900	468	98	(s)	1,635	2	345	2,780
Total Stocks, All Oils	—	—	262,607	—	—	—	—	301,525	—	—	—	—	—	698,273	35,562	185,680	1,483,648

[1] Crude oil data are not collected by refinery district.

[2] Includes 30,087 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

— Not Applicable.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, Year 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	244	545	909	15	0	5,479	12,272	0	0	0	0	0	28,318	113,915
Petroleum Products	95,437	8,050	31,192	68,916	29,958	1,043,617	244,371	0	23,666	13,631	0	10,738	4,886	2,041
Natural Gasoline and Isopentane	0	0	0	4,740	0	0	10,969	0	0	4,740	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	207	0	0	0	0	0	0	0
Liquefied Petroleum Gases	4	64	8,736	21,313	1,603	21,769	68,596	0	154	0	0	0	0	0
Unfinished Oils	771	543	29	562	0	3,649	2,715	0	3,137	0	0	0	25	919
Motor Gasoline Blending Components	0	0	0	0	0	0	9,216	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	68,086	2,920	14,201	23,045	18,095	571,234	90,528	0	10,203	5,057	0	8,170	565	144
Finished Leaded Motor Gasoline	40,057	470	6,140	14,722	10,816	276,207	48,684	0	5,761	3,512	0	5,673	272	69
Finished Unleaded Motor Gasoline	28,029	2,450	8,061	8,323	7,233	295,027	41,798	0	4,442	1,545	0	2,497	293	75
Gasohol	0	0	0	0	46	0	46	0	0	0	0	0	0	0
Finished Aviation Gasoline	88	0	20	0	253	3,169	1,818	0	25	0	0	0	0	0
Naphtha-Type Jet Fuel	1,357	0	16	760	0	9,866	31	0	1,829	232	0	693	0	0
Kerosene-Type Jet Fuel	1,874	60	556	462	6,480	99,076	16,987	0	1,175	125	0	713	0	0
Kerosene	1,090	0	50	0	0	10,840	985	0	0	0	0	0	0	0
Distillate Fuel Oil	21,653	700	3,259	6,662	3,527	233,979	29,881	0	4,180	3,477	0	1,162	923	197
Distillate Fuel Oil Less No. 4	21,653	685	3,197	6,227	3,527	229,642	29,687	0	4,180	3,477	0	1,162	923	197
No. 4 Fuel Oil	0	15	62	435	0	4,337	194	0	0	0	0	0	0	0
Residual Fuel Oil	69	818	1,588	10,983	0	63,075	1,709	0	361	0	0	0	3,177	37
Naphtha and Other Oils for Petro. Feedstock	259	1,396	175	346	0	3,416	1,131	0	190	0	0	0	0	0
Special Naphthas	0	0	119	0	0	3,642	2,109	0	0	0	0	0	0	0
Lubricants	186	1,394	513	43	0	9,121	3,362	0	2,234	0	0	0	61	432
Wax	0	17	0	0	0	175	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	957	0	0	3,587	3,067	0	37	0	0	0	0	0
Miscellaneous Products	0	138	973	0	0	7,019	1,060	0	141	0	0	0	135	312
Total All Products	95,681	8,595	32,101	68,931	29,958	1,049,096	256,643	0	23,666	13,631	0	10,738	33,204	115,956

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, Year 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	4,740	0	0	10,969	0	0	4,740	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	207	0	0	0	0	0
Liquefied Petroleum Gases	0	8,732	21,296	1,603	19,483	68,541	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	9,216	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	53,483	13,051	21,428	18,095	450,271	78,597	0	8,079	5,057	0	8,170
Finished Leaded Motor Gasoline	31,121	5,733	13,470	10,816	219,155	42,199	0	4,799	3,512	0	5,673
Finished Unleaded Motor Gasoline	22,362	7,318	7,958	7,233	231,116	36,352	0	3,280	1,545	0	2,497
Gasohol	0	0	0	46	0	46	0	0	0	0	0
Finished Aviation Gasoline	78	0	0	253	321	1,095	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	760	0	2,623	5	0	1,446	232	0	693
Kerosene-Type Jet Fuel	1,460	171	462	6,480	65,003	14,298	0	854	125	0	713
Kerosene	259	13	0	0	7,718	863	0	0	0	0	0
Distillate Fuel Oil	16,410	2,680	5,885	3,527	189,342	25,038	0	3,714	3,477	0	1,162
Distillate Fuel Oil Less No. 4	16,410	2,680	5,885	3,527	189,342	25,038	0	3,714	3,477	0	1,162
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	965	0	0	0	41	0	0	0	0	0
Total	71,690	25,612	54,571	29,958	734,761	208,870	0	14,093	13,631	0	10,738

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, Year 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	244	545	909	15	5,479	0	5,186	293	12,272	0	28,318	113,915
Petroleum Products	23,747	8,050	5,580	14,345	308,856	30,135	53,869	224,852	35,501	9,496	4,886	2,041
Liquefied Petroleum Gases	4	64	4	17	2,286	0	382	1,904	55	154	0	0
Unfinished Oils	771	543	29	562	3,649	0	2,294	1,355	2,715	3,137	25	919
Finished Motor Gasoline	14,603	2,920	1,150	1,617	120,963	7,469	4,640	108,854	11,931	2,124	565	144
Finshed Aviation Gasoline	10	0	20	0	2,848	387	561	1,900	723	25	0	0
Naphtha-Type Jet Fuel	1,357	0	16	0	7,243	388	264	6,591	26	306	0	0
Kerosene-Type Jet Fuel	414	60	385	0	34,073	3,431	2,105	28,537	2,689	321	0	0
Kerosene	831	0	37	0	3,122	814	1,457	851	122	0	0	0
Distillate Fuel Oil	5,243	700	579	777	44,637	9,794	8,380	26,463	4,843	466	923	197
Residual Fuel Oil	69	818	1,588	10,983	63,075	7,330	17,121	38,624	1,709	361	3,177	37
Naphtha and Other Oils for Petro. Feed. Use	259	1,396	175	346	3,416	10	2,243	1,163	1,131	190	0	0
Special Naphthas	0	0	119	0	3,642	329	2,318	995	2,109	0	0	0
Lubricants	186	1,394	513	43	9,121	120	6,988	2,013	3,362	2,234	61	432
Wax	0	17	0	0	175	0	175	0	0	0	0	0
Asphalt and Road Oil	0	0	957	0	3,587	0	185	3,402	3,067	37	0	0
Miscellaneous Products	0	138	8	0	7,019	63	4,756	2,200	1,019	141	135	312
Total	23,991	8,595	6,489	14,360	314,335	30,135	59,055	225,145	47,773	9,496	33,204	115,956

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, Year 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	34,706	789	33,917	13,281	924	12,357	114,475	17,751	96,724	0	0	0	0	142,998	-142,998
Petroleum Products	1,079,695	103,487	976,208	353,478	130,066	223,412	79,007	1,311,654	-1,232,647	29,958	24,369	5,589	34,404	6,966	27,438
Natural Gasoline	0	0	0	15,709	4,740	10,969	4,740	10,969	-6,229	0	4,740	-4,740	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	207	0	207	0	207	-207	0	0	0	0	0	0
Liquefied Petroleum Gases	30,505	68	30,437	68,600	31,652	36,948	21,377	90,519	-69,142	1,603	0	1,603	154	0	154
Unfinished Oils	3,703	1,314	2,389	3,486	591	2,895	2,024	9,501	-7,477	0	0	0	3,137	944	2,193
Motor Gasoline Blending Components	0	0	0	9,216	0	9,216	0	9,216	-9,216	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	586,000	71,006	514,994	163,671	55,341	108,330	26,109	671,965	-645,856	18,095	13,227	4,868	18,373	709	17,664
Finished Leaded Motor Gasoline	282,619	40,527	242,092	92,253	31,678	60,575	15,261	330,652	-315,391	10,816	9,185	1,631	11,434	341	11,093
Finished Unleaded Motor Gasoline	303,381	30,479	272,902	71,372	23,617	47,755	10,848	341,267	-330,419	7,233	4,042	3,191	6,939	368	6,571
Gasohol	0	0	0	46	46	0	0	46	-46	46	0	46	0	0	0
Finished Aviation Gasoline	3,189	88	3,101	1,906	273	1,633	0	5,012	-5,012	253	0	253	25	0	25
Naphtha-Type Jet Fuel	9,882	1,357	8,525	1,620	776	844	760	11,726	-10,966	0	925	-925	2,522	0	2,522
Kerosene-Type Jet Fuel	99,632	1,934	97,698	18,986	7,498	11,488	522	117,238	-116,716	6,480	838	5,642	1,888	0	1,888
Kerosene	10,890	1,090	9,800	2,075	50	2,025	0	11,825	-11,825	0	0	0	0	0	0
Distillate Fuel Oil	238,161	22,353	215,808	55,011	13,448	41,563	7,559	268,040	-260,481	3,527	4,639	-1,112	5,342	1,120	4,222
Distillate Fuel Oil Less No. 4	233,762	22,338	211,424	54,817	12,951	41,866	7,109	263,509	-256,400	3,527	4,639	-1,112	5,342	1,120	4,222
No. 4 Fuel Oil	4,399	15	4,384	194	497	-303	450	4,531	-4,081	0	0	0	0	0	0
Residual Fuel Oil	67,840	887	66,953	1,815	12,571	-10,756	11,838	65,145	-53,307	0	0	0	361	3,251	-2,890
Naphtha and Other Oils for Petro. Feedstock Use	3,591	1,655	1,936	1,390	521	869	1,742	4,737	-2,995	0	0	0	190	0	190
Special Naphthas	3,761	0	3,761	2,109	119	1,990	0	5,751	-5,751	0	0	0	0	0	0
Lubricants	9,695	1,580	8,115	3,548	556	2,992	1,869	14,717	-12,848	0	0	0	2,234	493	1,741
Wax	175	17	158	0	0	0	17	175	-158	0	0	0	0	0	0
Asphalt and Road Oil	4,544	0	4,544	3,067	957	2,110	0	6,691	-6,691	0	0	0	37	0	37
Miscellaneous Products	8,127	138	7,989	1,062	973	89	450	8,220	-7,770	0	0	0	141	449	-308
Total All Products	1,114,401	104,276	1,010,125	366,759	130,990	235,769	193,482	1,329,405	-1,135,923	29,958	24,369	5,589	34,404	149,964	-115,560

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, Year 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	-86	154	68	4	440	21	0	465	371	4,059	379	1,152	2,024	7,985	200	917	9,635
0.00 to 0.30% Sulfur	0	6	6	0	43	0	0	43	1	3,745	-112	80	0	3,714	58	-78	3,743
0.31 to 0.50% Sulfur	0	0	0	0	60	0	0	60	211	30	0	0	0	241	139	119	559
0.51 to 1.00% Sulfur	0	0	0	0	175	0	0	175	71	284	53	17	2,024	2,449	3	248	2,875
1.01 to 2.00% Sulfur	-86	148	62	4	102	0	0	106	88	0	0	0	0	88	0	221	477
Greater Than 2.00% Sulfur	0	0	0	0	60	21	0	81	0	0	438	1,055	0	1,493	0	407	1,981
Residual Fuel Oil	62,526	4,078	66,604	1,461	34,838	5,501	11,707	53,507	10,057	108,384	68,724	6,802	2,229	196,196	5,540	160,241	482,088
0.00 to 0.30% Sulfur	5,235	491	5,726	0	86	0	4	90	1,249	8,373	3,737	1,463	823	15,645	510	8,329	30,300
0.31 to 0.50% Sulfur	12,891	11	12,902	0	547	181	1,268	1,996	1,808	9,655	1,585	1,248	46	14,342	1,364	39,617	70,221
0.51 to 1.00% Sulfur	12,206	2	12,208	152	13,818	224	3,612	17,806	5,153	24,219	22,404	2,000	104	53,880	1,312	16,654	101,860
1.01 to 2.00% Sulfur	4,840	2,934	7,774	798	9,672	1,762	4,447	16,679	1,607	1,613	8,211	77	1,203	12,711	102	89,630	126,896
Greater Than 2.00% Sulfur	27,354	640	27,994	511	10,715	3,334	2,376	16,936	240	64,524	32,787	2,014	53	99,618	2,252	6,011	152,811

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, December 31,1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	6	6	0	2	0	0	2	7	66	31	2	0	106	0	0	114
Bulk Terminal	582	0	582	0	0	0	0	0	0	1	0	1	0	2	0	0	584
Total	582	6	588	0	2	0	0	2	7	67	31	3	0	108	0	0	698
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	9	0	0	9	45	0	1	0	0	46	8	21	84
Bulk Terminal	242	0	242	0	0	0	0	0	0	0	0	0	0	0	0	0	242
Total	242	0	242	0	9	0	0	9	45	0	1	0	0	46	8	21	326
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	10	0	0	10	24	180	0	1	118	323	0	13	346
Bulk Terminal	482	0	482	0	74	0	0	74	0	0	0	0	0	0	0	0	556
Total	482	0	482	0	84	0	0	84	24	180	0	1	118	323	0	13	902
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	2	2	0	0	0	0	0	39	0	0	0	0	39	3	8	52
Bulk Terminal	628	0	628	0	0	0	0	0	0	0	0	0	0	0	0	37	665
Total	628	2	630	0	0	0	0	0	39	0	0	0	0	39	3	45	717
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	73	0	0	73	0	0	72	83	0	155	0	3	231
Bulk Terminal	73	0	73	7	106	0	0	113	0	0	0	0	0	0	0	0	186
Total	73	0	73	7	179	0	0	186	0	0	72	83	0	155	0	3	417
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	321	67	388	0	0	0	0	0	84	213	25	14	25	361	107	900	1,756
Bulk Terminal	5,734	0	5,734	0	13	0	0	13	0	9	2,925	2	0	2,936	0	0	8,683
Total	6,055	67	6,122	0	13	0	0	13	84	222	2,950	16	25	3,297	107	900	10,439
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	1,034	0	1,034	0	110	33	4	147	14	471	26	93	1	605	63	1,963	3,812
Bulk Terminal	2,272	0	2,272	0	0	0	0	0	0	144	351	0	0	495	0	50	2,817
Total	3,306	0	3,306	0	110	33	4	147	14	615	377	93	1	1,100	63	2,013	6,629
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,714	0	1,714	0	1,392	0	262	1,654	205	1,572	1,165	182	8	3,132	107	533	7,140
Bulk Terminal	7,387	135	7,522	117	1,491	20	260	1,888	33	820	552	34	0	1,439	0	276	11,125
Total	9,101	135	9,236	117	2,883	20	522	3,542	238	2,392	1,717	216	8	4,571	107	809	18,265
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	823	101	924	44	590	228	273	1,135	61	262	865	0	78	1,266	242	3,985	7,552
Bulk Terminal	4,518	139	4,657	80	567	118	720	1,485	0	477	419	0	0	896	0	1,836	8,874
Total	5,341	240	5,581	124	1,157	346	993	2,620	61	739	1,284	0	78	2,162	242	5,821	16,426
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	1,253	0	1,253	0	766	398	278	1,442	21	3,028	2,042	148	0	5,239	143	311	8,388
Bulk Terminal	14,620	26	14,646	0	272	83	177	532	0	887	1,386	96	0	2,369	0	283	17,830
Total	15,873	26	15,899	0	1,038	481	455	1,974	21	3,915	3,428	244	0	7,608	143	594	26,218
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	15,209	74	0	0	144	0	15,427
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	396	0	0	0	396
Qatar	0	0	0	0	0	0	0
Saudi Arabia	149	0	0	0	0	0	149
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	15,358	74	396	0	144	0	15,972
Other OPEC							
Ecuador	240	0	0	3,492	0	0	3,732
Gabon	0	0	0	0	0	0	0
Indonesia	9,236	1,998	9	8	0	0	11,251
Iran	0	0	0	0	0	0	0
Nigeria	2,962	177	0	0	0	0	3,139
Venezuela	16,393	1,537	6,959	14,040	39,701	114	78,745
Subtotal Other OPEC	28,831	3,713	6,968	17,540	39,701	114	96,867
Other							
Angola	1,404	0	0	0	0	0	1,404
Australia	625	0	0	0	0	0	625
Bahamas	4,804	325	5,932	519	909	0	12,489
Bolivia	0	0	0	0	0	0	0
Brazil	1,552	0	1,687	0	0	0	3,239
Brunei	142	504	0	0	0	0	646
Canada	1,093	881	10,037	1,196	990	(s)	14,196
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	375	0	0	0	0	0	375
Ghana	756	0	0	0	0	0	756
Liberia	0	0	0	0	0	0	0
Malaysia	61	243	0	0	0	0	304
Mexico	1	107	0	31	11,339	0	11,478
Netherlands	511	0	0	255	365	0	1,132
Netherlands Antilles	6,927	1,059	8,411	10,899	33,871	0	61,167
Norway	0	0	116	0	0	0	116
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	80	1,267	0	0	0	1,347
Puerto Rico	0	0	0	97	725	0	822
Romania	0	0	0	0	0	0	0
Spain	0	0	236	0	0	0	236
Syria	0	0	0	0	0	0	0
Trinidad	0	3,483	2,372	198	1,064	0	7,118
Tunisia	0	0	0	0	0	0	0
United Kingdom	1	0	316	0	175	0	491
Virgin Islands	12,400	5,767	16,615	11,074	7,064	0	52,919
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	1,136	500	2,956	492	514	0	5,598
Other Eastern Hemisphere	1,249	460	1,062	(s)	4	0	2,774
Subtotal Other	33,035	13,408	51,006	24,761	57,021	(s)	179,232
Total Imports	77,225	17,195	58,369	42,301	96,865	114	292,070

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, Year 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**68,086**	**12,470**	**48,965**	**41,652**	**88,869**	**114**	**260,156**
Connecticut	408	4,288	163	95	1,066	0	6,021
Delaware	685	0	1,639	135	280	0	2,739
Florida	919	0	11,361	2,992	11,281	0	26,553
Georgia	0	0	0	132	708	0	840
Maine	40	0	1,910	3,513	7,758	0	13,221
Maryland	840	30	3,669	2,370	1,592	0	8,502
Massachusetts	347	1,340	6,145	4,306	20,430	0	32,568
New Jersey	5,768	1,228	948	709	4,971	0	13,625
New York	56,689	2,776	13,543	18,020	16,710	0	107,737
North Carolina	99	0	0	1,494	3,896	0	5,489
Pennsylvania	1,953	2,808	7,328	1,739	4,717	0	18,544
Rhode Island	45	0	769	506	448	0	1,770
South Carolina	7	0	68	565	3,637	0	4,277
Virginia	285	0	1,422	5,078	9,963	0	16,747
PAD District II	**1,045**	**881**	**6,368**	**175**	**123**	(s)	**8,592**
Illinois	0	0	317	0	88	0	405
Michigan	1,045	881	6,051	113	0	0	8,090
North Dakota	0	0	0	0	35	0	35
Ohio	0	0	0	61	0	0	61
PAD District III	**2,357**	**559**	**3,028**	**238**	**7,873**	**0**	**14,055**
Louisiana	1,827	107	2,789	238	2,994	0	7,955
Texas	530	452	239	(s)	4,879	0	6,100
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**5,736**	**3,285**	**9**	**237**	**0**	**0**	**9,266**
Arizona	0	0	0	0	0	0	0
California	4,878	0	0	0	0	0	4,878
Hawaii	858	3,285	9	8	0	0	4,160
Oregon	0	0	0	95	0	0	95
Washington	0	0	0	134	0	0	134
All PAD Districts	**77,225**	**17,195**	**58,369**	**42,301**	**96,865**	**114**	**292,070**

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis, December 31, [illegible]
(Thousands of 42-gallon Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil[2]																	
Refinery	—	—	18,828	—	—	—	—	18,090	—	—	—	—	—	53,411	3,104	30,164	123,597
Tank Farms and Pipelines	—	—	2,510	—	—	—	—	67,417	—	—	—	—	—	101,293	12,511	29,757	213,488
Leases[3]	—	—	69	—	—	—	—	1,464	—	—	—	—	—	15,405	1,198	1,561	19,697
Strategic Petroleum Reserve	—	—	0	—	—	—	—	0	—	—	—	—	—	107,800	0	0	107,800
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	23,398	23,398
Total	—	—	21,407	—	—	—	—	86,971	—	—	—	—	—	277,909	16,813	84,880	487,980
Natural Gasoline and Isopentane																	
Refinery	0	4	4	0	0	0	372	372	1,786	0	0	0	0	1,786	37	9	2,208
Pipeline	0	0	0	0	13	1	217	231	199	44	0	16	27	286	122	5	644
Natural Gas Processing Plant	3	22	24	0	16	14	2,172	2,202	647	4,175	1,380	18	136	6,355	43	18	8,642
Total	3	26	28	0	29	15	2,761	2,805	2,632	4,219	1,380	34	163	8,427	202	32	11,494
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	146	0	0	146	0	28	28	0	0	56	0	0	202
Natural Gas Processing Plant	0	0	0	0	99	2	1,887	1,988	203	2,176	62	17	349	2,806	28	3	4,825
Total	0	0	0	0	245	2	1,887	2,134	203	2,204	90	17	349	2,862	28	3	5,027
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	0	226	0	0	0	226	44	0	276
Pipeline	0	0	0	0	0	1	0	1	837	242	49	10	17	1,155	0	0	1,156
Natural Gas Processing Plant	0	0	0	0	4	0	4	8	16	54	8	60	1	139	2	0	149
Total	0	0	0	0	10	1	4	15	853	522	57	70	18	1,520	46	0	1,581
Ethane																	
Refinery[4]	0	0	0	0	10	0	0	10	0	0	579	0	0	579	0	0	589
Bulk Terminal	0	0	0	0	94	0	48	142	0	0	0	0	0	0	0	0	142
Pipeline	0	0	0	0	0	1,611	366	1,977	258	68	115	0	3	444	0	0	2,421
Natural Gas Processing Plant	0	0	0	0	22	0	772	794	499	460	98	1	0	1,058	(s)	0	1,852
Total	0	0	0	0	126	1,611	1,186	2,923	757	528	792	1	3	2,081	(s)	0	5,004
Propane for Petrochemical Feedstock Use																	
Refinery[4]	78	0	78	0	0	0	134	134	0	4	0	0	0	4	1	0	217
Total	78	0	78	0	0	0	134	134	0	4	0	0	0	4	1	0	217
Propane for Other Uses																	
Refinery[4]	0	660	660	0	0	0	1,543	1,543	0	1,991	0	0	0	1,991	135	299	4,628
Bulk Terminal	362	0	362	0	986	57	261	1,304	181	9,705	0	19	0	9,905	28	0	11,599
Pipeline	822	2,159	2,981	63	685	686	2,390	3,824	581	79	233	995	65	1,953	15	0	8,773
Natural Gas Processing Plant	326	450	776	0	2,571	176	18,037	20,784	3,612	7,749	3,424	6,334	313	21,431	185	503	43,679
Total	1,510	3,269	4,779	63	4,242	919	22,231	27,455	4,374	19,524	3,657	7,348	378	35,280	363	802	68,679
Ethane-Propane Mix																	
Bulk Terminal	0	0	0	0	0	0	0	0	183	2,579	0	0	0	2,762	0	0	2,762
Pipeline	0	0	0	0	66	0	641	707	512	83	2	0	39	636	0	0	1,343
Natural Gas Processing Plant	0	0	0	0	0	0	2,412	2,412	210	7,820	0	0	116	8,146	1	0	10,560
Total	0	0	0	0	66	0	3,053	3,119	905	10,482	2	0	155	11,544	1	0	14,665

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petrochemical Feedstock Use																	
Refinery[4]	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
Total	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
Butane for Other Uses																	
Refinery[4]	26	5	31	0	598	51	186	835	584	288	0	0	0	872	210	610	2,558
Bulk Terminal	101	0	101	0	250	0	35	285	130	6,622	0	0	0	6,752	0	0	7,138
Pipeline	52	86	138	0	1,032	33	602	1,667	568	494	5	147	36	1,250	78	0	3,133
Natural Gas Processing Plant	37	2	40	0	87	14	3,664	3,765	788	7,176	2,222	745	75	11,005	54	354	15,218
Total	216	93	310	0	1,967	98	4,487	6,552	2,070	14,580	2,227	892	111	19,879	342	964	28,047
Butane-Propane Mix for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
Butane-Propane Mix for Other Uses																	
Refinery	0	0	0	0	2	0	60	62	71	9	0	0	0	80	1	125	268
Bulk Terminal	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	5
Pipeline	0	0	0	0	0	360	18	378	632	25	10	0	1	668	0	0	1,046
Natural Gas Processing Plant	0	0	0	0	2	0	41	43	53	(s)	1,085	1	0	1,140	(s)	4	1,187
Total	0	0	0	0	9	360	119	488	756	34	1,095	1	1	1,888	1	129	2,506
Isobutane																	
Refinery	0	13	13	0	416	0	0	416	590	0	0	0	0	590	32	32	1,083
Bulk Terminal	0	0	0	0	58	0	13	71	137	1,573	0	0	0	1,710	0	0	1,781
Pipeline	0	36	36	0	479	0	188	667	198	11	0	50	19	278	0	0	981
Natural Gas Processing Plant	0	1	1	0	8	6	1,181	1,195	335	1,429	1,663	47	89	3,563	1	313	5,074
Total	0	50	50	0	961	6	1,382	2,349	1,260	3,013	1,663	97	108	6,141	33	345	8,919
Other Hydrocarbons and Alcohol																	
Refinery	5	1	6	0	200	0	0	200	0	14	0	0	43	57	0	4	267
Total	5	1	6	0	200	0	0	200	0	14	0	0	43	57	0	4	267
Unfinished Oils																	
Refinery	0	15,501	15,501	0	0	0	25,371	25,371	0	51,406	0	0	0	51,406	2,769	28,681	123,728
Total	0	15,501	15,501	0	0	0	25,371	25,371	0	51,406	0	0	0	51,406	2,769	28,681	123,728
Motor Gasoline Blending Components																	
Refinery	0	6,012	6,012	0	0	0	11,441	11,441	0	0	0	18,911	0	18,911	2,348	9,567	48,279
Bulk Terminal	190	0	190	4	301	0	39	344	0	0	0	10	0	10	0	3	547
Pipeline	0	0	0	0	27	2	517	546	88	0	0	0	0	88	0	0	634
Total	190	6,012	6,202	4	328	2	11,997	12,331	88	0	0	18,921	0	19,009	2,348	9,570	49,460
Aviation Gasoline Blending Components																	
Refinery	13	0	13	0	140	0	0	140	0	246	0	0	0	246	0	60	459
Total	13	0	13	0	140	0	0	140	0	246	0	0	0	246	0	60	459

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 198
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Total Finished Motor Gasoline[5]																	
Refinery	0	5,810	5,810	0	12	0	16,188	16,200	0	0	0	19,586	0	19,586	3,189	8,690	53,475
Bulk Terminal	40,649	3,416	44,065	2,315	19,425	4,900	6,637	33,277	2,468	6,626	1,698	2,498	294	13,584	1,770	10,339	103,035
Pipeline	14,461	788	15,249	1,015	6,706	1,222	6,881	15,824	2,568	5,353	5,809	8,224	155	22,109	1,262	2,477	56,921
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	14	0	71	0	0	85	14	0	112
Total Finished Motor Gasoline	55,123	10,014	65,137	3,330	26,143	6,122	29,706	65,301	5,050	11,979	7,578	30,308	449	55,364	6,235	21,506	213,543
Finished Leaded Motor Gasoline																	
Refinery	0	2,816	2,816	0	0	0	10,120	10,120	0	0	0	10,795	0	10,795	2,372	4,363	30,466
Bulk Terminal	22,496	1,906	24,402	1,307	10,732	3,033	4,481	19,553	1,429	4,190	939	1,362	199	8,119	1,139	5,536	58,749
Pipeline	6,966	446	7,412	471	3,606	887	4,030	8,994	1,581	2,520	3,063	4,876	110	12,150	941	1,317	30,814
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	12	0	34	0	0	46	10	0	68
Total	29,475	5,168	34,643	1,778	14,338	3,920	18,631	38,667	3,022	6,710	4,036	17,033	309	31,110	4,462	11,216	120,097
Finished Unleaded Motor Gasoline																	
Refinery	0	2,994	2,994	0	0	0	6,068	6,068	0	0	0	8,791	0	8,791	812	4,327	22,992
Bulk Terminal	18,143	1,510	19,653	1,008	8,686	1,867	2,137	13,698	1,038	2,436	759	1,136	95	5,464	626	4,803	44,244
Pipeline	7,495	342	7,837	544	3,100	333	2,851	6,828	987	2,833	2,746	3,348	45	9,959	321	1,160	26,105
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	37	0	0	39	5	0	44
Total	25,638	4,846	30,484	1,552	11,786	2,200	11,056	26,594	2,027	5,269	3,542	13,275	140	24,253	1,764	10,290	93,385
Gasohol																	
Refinery	0	0	0	0	12	0	0	12	0	0	0	0	0	0	5	0	17
Bulk Terminal	10	0	10	0	7	0	19	26	1	0	0	0	0	1	5	0	42
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	10	0	10	0	19	2	19	40	1	0	0	0	0	1	10	0	61
Finished Aviation Gasoline																	
Refinery	22	0	22	0	123	0	0	123	0	469	0	0	0	469	39	236	889
Bulk Terminal	410	33	443	0	259	76	65	400	60	30	10	8	34	142	8	276	1,269
Pipeline	0	0	0	0	20	0	22	42	0	20	0	0	0	20	5	0	67
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	115	0	0	0	0	115	0	0	115
Total	432	33	465	0	402	76	87	565	175	519	10	8	34	746	52	512	2,340
Naphtha-Type Jet Fuel																	
Refinery	361	0	361	0	0	0	999	999	0	0	0	1,520	0	1,520	287	972	4,139
Bulk Terminal	16	0	16	19	91	24	226	360	159	236	0	43	24	462	13	93	944
Pipeline	328	0	328	3	44	0	31	78	66	0	45	100	210	421	71	464	1,362
Total	705	0	705	22	135	24	1,256	1,437	225	236	45	1,663	234	2,403	371	1,529	6,445
Kerosene-Type Jet Fuel																	
Refinery	1,022	0	1,022	0	2,236	0	0	2,236	0	6,433	0	0	0	6,433	262	3,889	13,842
Bulk Terminal	4,480	96	4,576	110	2,604	631	854	4,199	170	274	86	58	24	612	170	2,307	11,864
Pipeline	2,788	43	2,831	158	816	86	2,103	3,163	380	1,292	465	1,203	28	3,368	113	743	10,218
Total	8,290	139	8,429	268	5,656	717	2,957	9,598	550	7,999	551	1,261	52	10,413	545	6,939	35,924
Kerosene																	
Refinery	0	236	236	0	1,055	0	0	1,055	0	0	0	1,702	0	1,702	70	123	3,186
Bulk Terminal	4,053	332	4,385	219	1,254	63	253	1,789	14	333	31	13	0	391	34	88	6,687
Pipeline	654	17	671	57	251	1	21	330	13	20	220	247	0	500	0	1	1,502

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	(s)	0	(s)	1	2	0	0	2
Total	4,707	585	5,292	276	2,560	64	274	3,174	28	353	251	1,962	1	2,595	104	212	11,377
Total Distillate Fuel Oils																	
Refinery	8,394	0	8,394	0	74	0	17,704	17,778	0	0	0	21,470	0	21,470	2,101	6,209	55,952
Bulk Terminal	69,704	3,339	73,043	1,901	17,282	5,803	5,652	30,638	1,521	3,059	2,049	1,427	123	8,179	773	6,037	118,670
Pipeline	8,642	294	8,936	799	3,036	1,177	5,037	10,049	1,720	1,823	2,219	4,341	96	10,199	559	985	30,728
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	4	9	0	15	0	0	16
Total Distillate Fuel Oil	86,740	3,633	90,373	2,700	20,392	6,980	28,394	58,466	3,243	4,882	4,272	27,247	219	39,863	3,433	13,231	205,366
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,307	0	8,307	0	0	0	17,704	17,704	0	0	0	20,823	0	20,823	2,095	6,070	54,999
Bulk Terminal	67,716	3,339	71,055	1,900	17,270	5,803	5,652	30,625	1,521	2,920	1,972	1,309	123	7,845	773	5,854	116,152
Pipeline	8,642	294	8,936	799	3,036	1,177	5,037	10,049	1,720	1,823	2,219	4,341	96	10,199	559	985	30,728
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	4	9	0	15	0	0	16
Total	84,665	3,633	88,298	2,699	20,306	6,980	28,394	58,379	3,243	4,743	4,195	26,482	219	38,882	3,427	12,909	201,895
No. 4 Fuel Oil																	
Refinery	87	0	87	0	74	0	0	74	0	0	0	647	0	647	6	139	953
Bulk Terminal	1,988	0	1,988	1	12	0	0	13	0	139	77	118	0	334	0	183	2,518
Total	2,075	0	2,075	1	86	0	0	87	0	139	77	765	0	981	6	322	3,471
Residual Fuel Oils																	
Refinery	0	5,752	5,752	0	5,426	0	0	5,426	0	0	0	15,272	0	15,272	841	9,829	37,120
Bulk Terminal	39,003	442	39,445	363	1,951	238	1,179	3,731	32	3,806	4,267	320	0	8,425	0	2,716	54,317
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
Total	39,003	6,194	45,197	363	7,377	238	1,179	9,157	32	3,806	4,267	15,592	0	23,697	841	12,604	91,496
Special Naphthas																	
Refinery	0	107	107	0	449	0	0	449	0	0	0	1,745	0	1,745	13	433	2,747
Bulk Terminal	1,261	17	1,278	140	410	67	133	750	0	0	10	27	0	37	0	80	2,145
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	105	0	0	0	0	105	0	0	105
Total	1,261	124	1,385	140	859	67	133	1,199	105	0	10	1,772	0	1,887	13	513	4,997
Naphtha < 400 Deg. F. Petro. Feed. Use																	
Refinery	115	0	115	0	166	0	0	166	0	0	0	2,901	0	2,901	3	357	3,542
Total	115	0	115	0	166	0	0	166	0	0	0	2,901	0	2,901	3	357	3,542
Other Oils > 400 Deg. F. Petro. Feed. Use																	
Refinery	78	0	78	0	132	0	0	132	0	2,181	0	0	0	2,181	0	57	2,448
Total	78	0	78	0	132	0	0	132	0	2,181	0	0	0	2,181	0	57	2,448
Lubricants																	
Refinery																	
Bright Stock	0	648	648	0	0	0	133	133	0	278	0	0	0	278	2	40	1,101
Neutral	0	1,422	1,422	0	0	0	1,213	1,213	0	0	0	2,394	0	2,394	74	412	5,515
Other	0	1,035	1,035	0	0	0	335	335	0	0	0	2,597	0	2,597	10	138	4,115
Bulk Terminals	1,037	77	1,114	28	503	28	60	619	19	90	176	64	10	359	2	787	2,881
Total	1,037	3,182	4,219	28	503	28	1,741	2,300	19	368	176	5,055	10	5,628	88	1,377	13,612

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	50	0	50	0	0	0	7	7	0	54	0	0	0	54	0	0	111
Total	50	0	50	0	0	0	7	7	0	54	0	0	0	54	0	0	111
Wax, Crystalline–Fully Refined																	
Refinery	14	0	14	0	0	0	29	29	0	0	179	0	0	179	4	19	245
Total	14	0	14	0	0	0	29	29	0	0	179	0	0	179	4	19	245
Wax, Crystalline–Other																	
Refinery	0	43	43	0	6	0	0	6	0	127	0	0	0	127	0	10	186
Total	0	43	43	0	6	0	0	6	0	127	0	0	0	127	0	10	186
Petroleum Coke																	
Refinery	1,044	0	1,044	0	0	0	732	732	759	0	0	0	0	759	515	1,182	4,232
Total	1,044	0	1,044	0	0	0	732	732	759	0	0	0	0	759	515	1,182	4,232
Asphalt																	
Refinery	1,603	0	1,603	0	5,715	0	0	5,715	0	0	0	2,835	0	2,835	1,641	1,587	13,381
Bulk Terminal	2,749	385	3,134	95	684	576	154	1,509	0	0	226	90	0	316	0	496	5,455
Total	4,352	385	4,737	95	6,399	576	154	7,224	0	0	226	2,925	0	3,151	1,641	2,083	18,836
Road Oil																	
Refinery	0	0	0	0	216	0	0	216	0	0	0	2	0	2	7	30	255
Total	0	0	0	0	216	0	0	216	0	0	0	2	0	2	7	30	255
All Other Products																	
Refinery	16	250	266	0	515	0	16	531	244	0	0	752	0	996	0	296	2,089
Bulk Terminal	25	1	26	0	21	5	8	34	0	0	0	26	0	26	0	14	100
Pipeline	1	6	7	5	2	0	0	7	0	0	0	0	0	0	0	0	14
Natural Gas Processing Plant	0	0	0	0	2	0	(s)	2	25	8	1	17	(s)	52	1	0	54
Total	42	257	299	5	540	5	24	574	269	8	1	795	(s)	1,074	1	310	2,257
Total Stocks, All Oils	—	—	275,956	—	—	—	—	333,270	—	—	—	—	—	591,284	36,802	187,940	1,425,251

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[1] See "Explanatory Notes" on change for 1981 data.

[2] Crude oil data are not collected by refinery district.

[3] Includes lease stock adjustment based upon data published by state agencies.

[4] Refinery stocks of ethane include ethylene, refinery stocks of propane include propylene, and refinery stocks of butane include butylene.

[5] Total motor gasoline includes only finished motor gasoline. Blending components, included in these totals in 1980 issues, are now shown separately.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

— Not Applicable.

Explanatory Notes

Note 1.1. EIA-64: Natural Gas Liquids Operations Report

Background

The EIA-64, "Natural Gas Liquids Operations Report" evolved from a survey designed and conducted by the United States Geological Survey beginning in 1911. This form collects data on the production and storage of natural gas plant liquids at natural gas processing plants and fractionators.

Description of Survey

Universe

The universe includes all operators of facilities designed to: (1) extract liquid hydrocarbons from natural gas streams (natural gas processing plants); (2) separate a combined products liquid hydrocarbon stream into its component products, i.e. propane, butane, natural gasoline, etc. (fractionators); or (3) store the liquid hydrocarbon output of plants and fractionators.

The mailing list is automated. It is maintained by matching periodically with the *LP Gas Almanac* listings (including supplements) and the *Oil and Gas Journal* Processing Plant Survey listings, and by making changes reported by the respondents.

Information Collected

The data are submitted monthly by facility and include all products that the company controls through possession, regardless of ownership. The main items of information collected by the EIA-64 are shown by the example of the form presented below.

Collection Methods

Completed reports are required to be postmarked 20 days following the last day of the report month. Follow-up telephone calls are made to nonrespondents in order to collect data before publication of the aggregated data.

Imputing Missing Data

Imputation is performed only for companies that submitted a report in the previous month. For such companies, previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. The value of shipments is adjusted to balance stock level, production, receipts, plant fuel use, and losses. In the event that the previous month's data were estimated, the respondent is contacted and requested to submit estimates, if necessary, to be followed by a submission of actual data.

Response Rates

The initial response rate averages 85 percent, with a final response averaging 98 percent as a result of telephone follow-up procedures.

Data Processing

Upon receipt, the reports are reviewed for identification section omissions, duplicate submissions, and identification information changes. The data are then entered and edited. The edit program includes checks for invalid data entry codes, range checks for current-month to previous-month changes (absolute and relative), calculation errors, line balancing errors, etc. Telephone calls are made to respondents to resolve questions.

EIA-84

U.S. Department of Energy
Energy Information Administration
Mail Station: BG-086 Forstl
Washington, D.C. 20585

Natural Gas Liquids Operations Report

This Report is Mandatory Under Public Law 93-275. Failure to Comply may Result in Criminal Fines, Civil Penalties and Other Sanctions as Provided by Law

Report Type: B 1 0

EIA Company Identification Number: ☐☐☐☐☐☐

Report Date (Last Day of Reporting Month): ☐☐ ☐☐ Mo Yr

Zip Code of Plant Location: ☐☐☐☐☐

If Resubmission, Insert X in Block ☐

For DOE Use Only ☐

Form Approved
OMB No. 1905-0109

Plant Name ______________________

Section 1. Natural Gas Processing Plant and Fractionator Operations (Barrels of 42 Gallons)

Products	Product Code	Stocks Beginning of Month (a)	Receipts During Month (b)	Inputs During Month (c)	Production During Month (d)	Shipments To:					Plant Fuel Use (k)	Losses (m)	Stocks End of Month (n)
						Fractionating Facility (e)	Storage Facility (f)	Refinery (g)	Chemical Plant (h)	Other (i)			
Ethane	110												
Propane	231												
Ethane-Propane Mix	241												
Isobutane	233												
Normal Butane	235												
Other Butanes	236												
Butane-Propane Mix	234												
Isopentane	240												
Natural Gasoline													
14# and Less RVP	228												
Over 14# RVP	229												
Plant Condensate	210												
Unfractionated Stream	227												
Gasoline													
Finished Aviation	111												
Finished Leaded	132												
Finished Unleaded	133												
Gasohol	135												
Special Naphthas	051												
Jet Fuel													
Naphtha Type	211												
Kerosene Type	213												
Kerosene	311												
Distillate Fuel Oil	412												
Other Products (Specify)													
Overage (Inputs) or Shortage (Production)	911	X	X			X	X	X	X	X	X	X	X

Note 1.2. EIA-87, 88, 89 and 90: Joint Petroleum Reporting System

Background

The Joint Petroleum Reporting System (JPRS) comprises four surveys: the "Refinery Report" (EIA-87); the "Bulk Terminal Stocks Report" (EIA-88); the "Pipeline Products Report" (EIA-89); and the "Crude Oil Stocks Report" (EIA-90). This group of forms collects data on petroleum refinery operations and on storage of crude oil and petroleum products. The origins of JPRS lie in the voluntary petroleum reporting systems instituted by the Bureau of Mines (BOM) soon after it was established as a part of the Department of the Interior in May 1910.

Description of Survey

Universe

The respondent universe of each JPRS survey is defined as follows:

EIA-87: All petroleum refineries and plants producing finished motor gasoline through the mechanical blending of liquids which are operated or controlled in the 50 States, the District of Columbia, Puerto Rico, theVirgin Islands, Hawaiian Foreign Trade Zone, and Guam.

EIA-88: All bulk terminal facilities in the 50 States and the District of Columbia, Puerto Rico, and the Virgin Islands that (a) have total bulk storage capacity of 50,000 barrels or more and/or (b) receive petroleum products by tanker, barge, or pipeline regardless of ownership of the material.

EIA-89: All products pipeline companies that carry petroleum products (including interstate, intrastate and intracompany pipelines) in the 50 States and the District of Columbia.

EIA-90: Crude oil pipeline companies (gathering and trunk pipeline companies), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water (in excess of 1,000 barrels), regardless of ownership in the 50 States and the District of Columbia.

The list of respondents is kept current by checking for new respondents in the *Oil and Gas Journal* weekly magazine; newspaper articles; the Office of Resource Applications publication "Trends in Refinery Capacity & Utilization;" the Office of Refinery Operations (ERA) list of U.S. Refineries; and the annual survey EIA-177 "Capacity of Petroleum Refineries."

Information Collected

The main items of information collected by EIA-87 are shown by the example presented below. The EIA-88 and EIA-89 collect data on petroleum product stocks. The EIA-90 collects data on crude oil stocks and crude oil used directly as fuel.

Collection Methods

The data for the JPRS surveys are collected on a monthly basis. Completed forms are required to be postmarked by the 20th day following the report month. Telephone follow-up calls are made to nonrespondents in order to collect data before publication deadline. An automated mailing list is maintained and is used to monitor receipt of the forms.

Imputing Missing Data

Imputing is performed only for companies that submitted a report in the previous month. For these companies, the previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. The value of shipments is adjusted to balance stock level, production receipts, and losses. In the event that previous month's data were estimated, the respondent is contacted and requested to submit estimates if necessary, to be followed by a submission of actual data.

Report Type: B 0 1 EIA Company Identification No.: ☐☐☐☐☐☐ Report Period: ☐☐☐☐
Yr. Mo.

SECTION 6. REFINERY STOCKS, RECEIPTS, INPUTS, PRODUCTION, SHIPMENTS AND REFINERY FUEL USE AND LOSSES

(Thousands of Barrels of 42 Gallons)

ITEM DESCRIPTION	PRODUCT CODE	STOCKS BEGINNING OF MONTH A	RECEIPTS DURING MONTH B	INPUTS DURING MONTH C	PRODUCTION DURING MONTH D	SHIPMENTS DURING MONTH E	REFINERY FUEL USE AND LOSSES DURING MONTH F	STOCKS END OF MONTH G
Crude oil (incl. lease condensate) Total (sum of codes 010 and 020)	060				X			
Domestic (incl. Alaskan)	010			X	X	X		
Foreign	020			X	X	X	X	
Alaskan	011			X	X	X	X	
Products of natural gas proc. plants Ethane	110				X			
Propane	231				X			
Ethane-propane mixtures	241				X			
Isobutane	233				X			
Normal butane	235				X			
Other butanes	236				X			
Butane - propane mixtures	234				X			
Natural gasoline and isopentane	220				X			
Plant condensate	210				X			
Unfractionated stream	227				X			
Other hydrocarbons and hydrogen	090				X			
Alcohol	091				X			
Unfinished oils	812							
Gasoline Finished leaded, motor	132							
Finished unleaded, motor	133							
Blending components, motor	134							
Gasohol	135							
Finished aviation	111							
Blending components, aviation	112							
Special naphthas (solvents)	051							
Jet fuel Naphtha-type	211							
Kerosene-type	213							
Kerosene (incl. range oil)	311							
Distillate fuel oil Less No 4	412							
No. 4 fuel oil	414							
Residual fuel oil	511							
Lubricating oils Bright stock	853							
Neutral	855							
Other	859							
Asphalt	900							
Wax Microcrystalline	061							
Crystalline-fully refined	071							
Crystalline-other	081							
Petroleum coke Marketable	021							
Catalyst	022							
Road oil	031							
Still gas Petrochemical feedstock use	042							
Other use	044							
Ethane and/or ethylene: Petrochemical feedstock use	812							
Other use	652							
Propane and/or propylene: Petrochemical feedstock use	613							
Other use	653							
Butane and/or butylene: Petrochemical feedstock use	614							
Other use	654							
Butane-propane mixtures Petrochemical feedstock use	616							
Other use	656							
Isobutane petrochemical feedstock use	615							
Naphtha – less than 400° end-point Petrochemical feedstock use	822							
Other oils – over 400° end-point Petrochemical feedstock use	824							
Other finished products Non - fuel use	097							
Fuel Use	098							
Overage (Inputs) or shortage (production)	911							
TOTAL	999							

Response Rates

As of the filing deadline, the response rate of the JPRS respondents is over 90 percent. All companies that have not responded are contacted by telephone. Although data are taken by telephone to expedite processing, a certified submission is still required. Thirty calendar days after the report month, data for companies that still fail to file the form are estimated based on prior month's data. Names of companies that fail to file for two consecutive months are forwarded to DOE for further noncompliance action. Final response rate is 100 percent.

Note 1.3. EIA-170: Tanker and Barge Shipments of Crude Oil and Petroleum Products Between Districts

Background

The EIA-170 survey collects data for calculation of monthly petroleum supply and disposition figures on U.S. and PAD District levels.

Instrument and Design

This form is designed to collect data on total movements by tanker and barge of crude oil and petroleum products between PAD Districts or between PAD Districts and the Panama Canal, by shipping State and receiving State.

Universe

The respondent universe of the EIA-170 consists of all known companies and plants that have custody of crude oil and petroleum products transported by tanker and barge between PAD Districts or between PAD Districts and the Panama Canal. There are currently about 60 respondents.

Collection Methods

Survey data are collected by mail every month. The filing deadline is the 20th calendar day of the month following the report period. The response rate as of the filing deadline is about 98 percent. Late respondents are contacted by telephone. All responses are processed each month before release of the data for publication.

Note 1.4. ERA-60: Reports of Oil Imports into the United States and Puerto Rico

Background

The "Report of Oil Imports into the United States and Puerto Rico" (ERA-60) survey was designed by the Economic Regulatory Administration (ERA) of the Department of Energy to collect data on port of entry, country of origin, destination, and quantity of imported crude oil and petroleum products, as well as sulfur content and API gravity. All licensed importers and importers of record are required to report. The "Shipments of Refined Products from Puerto Rico to the United States" (P-133-M-0) survey was designed to collect data on imports to the United States that are not covered by the ERA-60.

Universe

The monthly submission of Form ERA-60 and P-133-M-0 is required by all licensed importers and importers of record into the United States and Puerto Rico. The respondent universe consisted of approximately 750 firms as of June 30, 1981. The respondent universe for these surveys is updated whenever an import license is granted by the Office of Oil Imports of the ERA.

Collection Methods

The survey data are collected by mail each month. It is mandatory for each respondent to file the

ERA-60/P-133-M-0 by the 15th working day of the month following the reporting period. Resubmissions are received frequently and are processed when received.

Response Rates

In December 1980, the survey had a response rate of 92 percent by the filing deadline. The universe was 640 at that time. (Because this is a dynamic survey, the universe is constantly changing.) Standard followup of nonrespondents is made to insure that all reports are received, since data are not imputed for nonrespondents. Response rate is generally 98-99 percent by the time the data are first published. Revised publications are not generated as standard operating procedure. The ERA-60 file is never closed; resubmissions are constantly received and processed.

Note 1.5. Census Import (IM-145) and Export (EM-522 and EM-594) Tabulations

The foreign trade statistics program, conducted by the Bureau of the Census, involves compilation and dissemination of a large body of data relating to the imports and exports of the United States.

Import Statistics

Coverage

The import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. Customs territory (includes the 50 States, the District of Columbia, and Puerto Rico), without regard to whether or not a commercial transaction is involved. In general, the statistics record the physical movement of merchandise into the United States from foreign countries, with the exception of the following types of transactions that are excluded from the statistics:

1. Merchandise shipped in transit through the United States, when documented with Customs as an intransit movement.

2. Shipments between the United States and Puerto Rico, the Virgin Islands, Guam, American Samoa, and other U.S. possessions; shipments between any of these outlying areas; and imports into U.S. possessions from foreign countries.

3. U.S. merchandise returned by U.S. Armed Forces for their own use.

Source of Import Information

The official U.S. import statistics are compiled by the Bureau of the Census from copies of the import entry and warehouse withdrawal forms that importers are required by law to file with Customs officials (Customs Forms 7501-7505).

Imported petroleum is reported as "Imports for Consumption." Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. With certain exceptions as indicated above, these data generally reflect the total of commodities entered into U.S. consumption channels.

Country and Area of Origin

The country reported in the statistics as the country of origin is defined as the country where the merchandise was grown, mined, or manufactured. In instances where the country of origin cannot be determined, the transactions are credited to the country of shipment.

Export Statistics

Coverage

The export statistics reflect both government and nongovernment exports of domestic and foreign merchandise from the U.S. Customs territory (includes the 50 States, the District of Columbia, and

Puerto Rico) to foreign countries, without regard to whether or not the exportation involves a commercial transaction. In general, the statistics record the physical movement of merchandise out of the United States to foreign countries, with the exception of the following types of transactions:

1. Shipments between the United States and Puerto Rico, the Virgin Islands, Guam, American Samoa, and other U.S. possessions; between any of these outlying areas; and shipments from U.S. possessions to foreign countries.

2. Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.

3. Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

Source of Export Information

The official U.S. export statistics are compiled by the Bureau of the Census primarily from copies of Shipper's Export Declaration. Shipper's Export Declarations are required to be filed with Customs officials, except when qualified exporters have been authorized to submit data in the form of magnetic tape, punched cards, or monthly Shipper's Summary Export Declarations directly to the Bureau of the Census.

Country and Area of Destination

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

Note 2. Estimation

The geographic coverage of all estimates is the 50 United States and the District of Columbia, including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Note 2.1. Supply

The components of petroleum supply are field production, refinery production, imports, stock withdrawal or addition, crude oil used directly, and losses.

Field Production is the sum of crude oil (including lease condensate) production, natural gas processing plant production, and new supply (field production) of other liquids used by refineries.

Crude oil production is estimated based on data received from State conservation and revenue agencies.

Field production of natural gas plant liquids (NGPL), including finished petroleum products, is reported monthly on survey Form EIA-64, "Natural Gas Liquids Operations Report." Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. For survey description and other detail, see Explanatory Note 1.1.

Refinery Production of LRGs, ethane, and finished petroleum products is reported monthly on survey Form EIA-87, "Refinery Report." Published production of these products equals refinery production minus refinery input. Refinery production of unfinished oils and of motor and aviation gasoline blending components appears on a net basis under refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. It should also be noted that refineries do not report production of crude oil, natural gasoline, isopentane, unfractionated stream, plant condensate, or other hydrocarbons and alcohol.

Imports of crude oil and petroleum products are reported monthly on Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico," and Form P-133-M-0, "Shipments of Refined Products (including unfinished oils) from Puerto Rico to the United States." In addition, the Census Bureau Tabulation IM-145 summarizes import data from Customs import declarations reported on Customs Forms 7501 and 7505. The most prominent difference between the EIA and Census systems appears in imports of liquefied petroleum gases (LPG), where Census data show a much higher level of imports than Energy Information Administration data. This occurs because the ERA-60 respondent frame was built by monitoring importers of licensed products and because LPGs are not licensed products. Therefore, respondents that only import LPGs have not been identified, and do not report these imports to the Department of Energy. Since these importers are required to file form 7501 with the U.S. Customs Service, EIA obtains data on imports of LPGs from Census Tabulation IM-145. Additional data taken from the IM-145 are relatively small quantities of naphtha and kerosene-type jet fuels, distillate fuel oils, and residual fuel oils withdrawn from bonded storage for use in international trade and for military offshore use. Even though these duty-free fuels are stored on United States shores, they did not enter the United States for domestic consumption and therefore are not included in the ERA-60 reporting system.

Stock Withdrawal (+) or Addition (-) is calculated by subtracting stocks at the end of the month from stocks at the beginning of the month. (Note: The beginning stocks of one month are equal to the ending stocks of the previous month.) A positive result (+) would represent a withdrawal from stocks and an increase in petroleum supplies distributed for domestic consumption. A negative result (-) would represent a buildup of stocks and reduce petroleum supplies distributed for domestic consumption. For a description of survey forms used to make stock withdrawal or addition calculations see Explanatory Note 2.4.

Unaccounted-for Crude Oil is a balancing item that represents the difference between crude oil supply and disposition. Crude oil supply is the sum of field production, imports and stock withdrawal or addition, less crude used directly and losses. Crude oil disposition is the sum of exports and refinery input.

Unaccounted-for crude oil is calculated by subtracting crude oil supplies from crude oil disposition. A positive result indicates that refiners and exporters reported use of more crude oil than was reported to have been available to them. (This occurs, for example, when imports are undercounted due to late reporting or other problems.) A negative result would indicate that more crude oil was reported to have been supplied to refiners and exporters than they reported used. This calculation is performed for crude oil to ensure that product supplied for crude oil is always zero.

Crude Oil Used Directly and Losses is the sum of crude oil losses at refineries, crude oil burned at refineries, and crude oil burned on leases. Crude oil losses and consumption at refineries are reported on Form EIA-87, "Refinery Report." Crude oil burned on leases is reported on Form EIA-90, "Crude Oil Stocks Report." Crude oil burned on leases is divided into two categories: crude burned as residual fuel oil and crude burned as distillate fuel oil. Crude burned on leases appears as a negative supply to crude oil (a reduction in crude oil supplies) and as a positive supply to residual and distillate fuel oil (an increase to these supplies).

Note 2.2. Domestic Crude Oil Production

Data for the Crude Oil Production System (COPS) are reported to the Department of Energy by each of the individual State conservation agencies, which collect crude oil production values for tax purposes. In addition, the U.S. Geological Survey reports the volume of crude oil that is produced offshore in Federally-owned waters. With the exception of six State conservation agencies, all of these reports are received monthly. After each calendar year, these monthly numbers are updated using the annual reports from the State conservation agencies and the U.S. Geological Survey. The six States that do not report monthly values are Indiana, New York, Ohio, Pennsylvania, West Virginia, and Wyoming. Monthly values are estimated for these States using the individual linear trends of their historical annual crude oil production values.

Note 2.3. Disposition

The components of petroleum disposition are refinery input, exports, and products supplied for domestic consumption.

Refinery Inputs of crude oil, NGPL and other liquids are reported monthly on survey Form EIA-87, "Refinery Report." Published inputs of unfinished oils, and motor and aviation gasoline blending components, equal refinery input minus refinery output. Refinery inputs of finished petroleum products are reported on a net basis under refinery production.

Exports of crude oil and petroleum products are compiled from Census Bureau tabulations EM522 and EM594. Exports include crude oil shipments to Puerto Rico, the Virgin Islands, and the Hawaiian Foreign Trade Zone, which are obtained from refinery receipts reported on Form EIA-87.

Product supplied for each product is calculated by summing field production plus refinery production, plus imports, plus stock withdrawal or minus stock addition, plus crude oil used directly and losses (plus net receipts when calculated on a PAD District basis), minus refinery input, minus exports. This formula ensures that total disposition equals total supply. Products supplied indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative when total disposition of that product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported, (2) misreporting or delayed reporting of data, and (3) for calculations on a PAD District basis, incomplete coverage of interdistrict movements data compiled to calculate net receipts.

Note 2.4. Stocks

Primary stocks of crude oil are the sum of ending stocks reported monthly on Form EIA-87, "Refinery Report," and Form EIA-90, "Crude Oil Stocks Report." Crude oil held in the Strategic Petroleum Reserve is included unless otherwise noted. Alaskan crude oil in transit is also included. Primary stocks of petroleum products are summed from data reported on the Form EIA-64, "Natural Gas Liquids Operations Report," Form EIA-89, "Pipeline Products Stocks Report." Primary stocks of petroleum products do not include secondary stocks held by dealers and jobbers, or stocks held by consumers.

Note 2.5. Average Stock Levels

The graphs displaying monthly stock levels of petroleum products, crude oil, motor gasoline, distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products provide the user with recent data as well as a summary of data from the most recent 3 year period from January through December or from July through June. This summary takes the form of an "average range" that includes seasonal variation determined from a longer time period. The average range represents the historical pattern; it is not a forecast.

These curves are updated every 6 months effective January 1 or July 1 by basing the "average ranges" on a more recent time period. At that time, each 3-year data series will be adjusted by dropping the first 6 months and including the most recent 6 months.

For each data series, the monthly season factors were estimated by means of a seasonal adjustment technique developed at the Bureau of Census (Census X-11). The seasonal factors were assumed to be stable (i.e., unchanging from year to year) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported stock levels). The intent of deseasonalization is to remove only seasonal variation from the data. Thus, a deseasonalized series would contain the same trends and irregularities as the original data. For crude oil stocks, the derived seasonal factors were very small relative to crude oil stock levels. Therefore, the seasonal factors for crude oil stock levels were set to zero. The seasonal factors for total petroleum (crude and products), distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products were derived using monthly data from 1974-1980. For motor gasoline, the seasonal factors were based on monthly data from 1975, 1976, 1978, 1979 and 1980. In 1977, there was virtually no seasonal behavior in motor gasoline stocks. Monthly stock levels stayed at the same high level for the entire year. In addition, the seasonal patterns in 1973 and 1974 appeared to be different from those in recent years. It was therefore assumed that the seasonal patterns in 1973, 1974, and 1977 were not representative of the recent past, and these years were not used in the determination of seasonal patterns for motor gasoline stocks. Because of these differences in the year-to-year seasonal fluctuation of motor gasoline, the evidence for the illustrated seasonal patterns for total petroleum (crude and products), crude oil, distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products is stronger than is the evidence for the illustrated seasonal patterns for motor gasoline.

In some cases, these seasonal patterns do not show a smooth transition from month to month. For example, the June factor for residual fuel oil is slightly less than the May and July values, making a bump in the curve. As there is little difference in the magnitude of these seasonal factors, it is possible that this variation is due to the small number of observations (7 years) and the data variability.

After seasonal factors are derived, the most recent 3 year period (from January through December or from July through June) is deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard error of the deseasonalized 36 months is calculated adjusting for extreme data points. The width of the "average range" is twice this standard error.

The upper curve of the "average range" is defined as the average plus the seasonal factors plus the standard error. The lower curve is defined as the average plus the seasonal factors minus the standard error.

Note 2.6. Movements

Movements of crude oil between PAD Districts are reported on Form EIA–170, "Tanker and Barge Report." Petroleum product movements are reported on Forms EIA–170 and EIA–89, "Pipeline Products Report." Net receipts are calculated by summing total movements into and total movements from each PAD District by pipelines, tankers, and barges, and subtracting for the difference. Movements of crude oil by pipeline are not reported. For survey descriptions and other detail, see Explanatory Notes 1.2 and 1.3.

Note 3. Accuracy of Petroleum Supply Data

Early in 1981, the Energy Information Administration completed an assessment of the accuracy of principal petroleum supply data series.[1] This assessment concentrated on two methods of analysis:

- Comparisons between EIA's final annual estimates published in the *Petroleum Statement, Annual (PSA)* and annual estimates from independent sources.

- Comparisons between EIA's final monthly estimates published in the *PSA* and *EIA's* earlier estimates published in the *Monthly Petroleum Statistics Report* and the *Petroleum Statement, Monthly* (predecessor of the *Monthly Petroleum Statement).*

Selected excerpts from these comparisons are presented below.

Comparisons of Annual Estimates

All of the systems that provide data for *Petroleum Supply Monthly*, except for the weekly systems, try to collect data from the entire universe of their potential respondents. They do not sample, and have no sampling errors. Inaccuracies in the data still occur because of problems such as incomplete lists of respondents, errors in the responses, and conceptual errors in the design of the data systems. Such inaccuracies are hard to identify and even harder to quantify. Some understanding of the overall accuracy of the estimates can be achieved by comparing estimates derived from independent sources of data, as shown in the following tables. Close agreements among annual estimates from several independent sources support the conclusion that the estimates are accurate, and accuracy in the annual estimates implies accuracy in the monthly estimates that comprise the annual estimates.

Crude Oil Production

Comparisons among independent estimates of annual crude oil and lease condensate production lead to the conclusion that the *PSA* estimates are probably accurate to within 1 percent.

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[1] *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA–0290, June 1981.

Crude Oil Imports

Comparisons among independent estimates of annual crude oil imports lead to the conclusion that the *PSA* estimates are probably accurate to within 1 percent. This conclusion is supported by a study of EIA and Customs/Census import data performed for EIA.[2]

Motor Gasoline Supplied

Comparisons among independent estimates of the annual volume of motor gasoline supplied for domestic use show that differences in the estimates grew between 1977 and 1979. By 1979, the EIA estimate of sales by refiners and the Environmental Protection Agency's estimate of production had grown about 5–7 percent larger than the comparable *PSA*, Lundberg, and American Petroleum Institute (API) estimates. Research conducted by EIA in 1979 and 1980[3] confirmed that the lower estimates were inaccurate, and identified changes in the petroleum industry that had an adverse effect on the *PSA* estimate. During 1980, EIA developed and tested improved procedures for collecting petroleum supply data, and implemented them in January 1981. (See Explanatory Note 4.)

Distillate Fuel Oil Supplied

Comparisons among independent estimates of the annual volume of distillate fuel oil supplied for domestic use lead to the conclusion that the *PSA* estimates are probably accurate to within 1 to 2 percent.

Residual Fuel Oil Supplied

Comparisons among independent estimates of the annual volume of residual fuel oil supplied for domestic use seem to show sizable and consistent differences between the EIA estimates of sales by refiners and the *PSA* and API estimates. When imports of residual fuel oil by nonrefiners are added to the refiner sales, however, the difference between refiner sales and the *PSA estimates are narrowed to within 1 percent.* The comparisons therefore lead to the conclusion that the *PSA* estimates are probably accurate to within 1 to 2 percent.

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[2] Maxima Corporation, *Petroleum Imports Reporting Systems, Preliminary Draft,* (Silver Spring, Maryland: February 1980). Prepared for the Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, Washington, D.C.

[3] Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, *An Evaluation of Published EIA Gasoline Supply Estimates* (Washington, D.C.: April 1980).

Comparison of Estimates of the Volume of Crude Oil and Lease Condensate Production, 1977-1979

	Estimated Volume of Production in Millions of 42-U.S. Gallon Barrels[a]			Comparative Estimate as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual* [b]	3,121	3,178	3,009	///	///	///
Comparative Estimates						
American Petroleum Institute Estimate from API Monthly Statistical Report[c]	3,130	3,214	3,021	100.3%	101.1%	100.4%
Census Estimate from the Annual Survey of Oil and Gas[d]	—	3,148	3,016	—	99.1%	100.2%
Oil and Gas Journal Estimates[e] of Total Production derived from Monthly Data	3,168	3,165	3,005	101.5%	99.6%	99.9%
EIA Estimate from Annual Survey of Oil and Gas Reserves (EIA-23)[f]	3,102	3,144	3,001	99.4%	98.9%	99.7%

/// = Not applicable
— = Not available

[a] Volumes are rounded to the nearest million barrels.

[b] From Table 6 in EIA's *Petroleum Statement Annual*, 1977, 1978, 1979.

[c] From issues of the American Petroleum Institute's *Monthly Statistical Report*. The annual values were obtained by summing the monthly values for each of the 12-month periods.

[d] From Table 1, p. 2 of the Bureau of Census' *Annual Survey of Oil and Gas*, 1978.

[e] From issues of the *Oil and Gas Journal*. Monthly estimates are in thousands of barrels per day. They are converted to millions of barrels by dividing by 1,000 and multiplying by the number of days in the reporting period.

[f] From EIA's *U.S. Crude Oil and Natural Gas Reserves 1979 Annual Report* (Table 19, p. 33), *1978 Annual Report* (Table 16, p. 20), and *1977 Annual Report* (Table 22, p. 36).

Geographic coverage: the 50 United States and District of Columbia with adjacent areas of the Outer Continental shelf.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Crude Oil Imports, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Comparative Estimate as a Percent of the Primary Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate of Receipts at Ports of Entry (ERA-60) from *Petroleum Statement, Annual*[b]	2,380	2,320	2,414	///	///	///
Comparative Estimates						
American Petroleum Institute Estimate of Receipts as Reported by Refiners[c]	2,346	2,323	2,360	98.6%	100.1%	97.8%
Customs/Census Estimate of Receipts at Ports of Entry (Customs Forms 7501 and 7502)[d]	2,415	2,338	2,431	101.5%	100.8%	100.7%
EIA Estimate of Inputs of Foreign Crude at Refineries (EIA-87)[e]	2,364	2,334	2,431	99.3%	100.6%	100.7%

/// = Not applicable

[a] Volumes are rounded to the nearest million barrels.

[b] From Table 1 in EIA's *Petroleum Statement, Annual* 1977, 1978, 1979. This table also includes imports for the Strategic Petroleum Reserve (SPR) which were 7.5 million in 1977, 58.8 million in 1978, and 24.4 million in 1979.

[c] Estimate equals the sum of the annual estimate of imports derived from API's *Monthly Statistics Report* (which excludes imports for SPR), and the EIA estimates for imports for the SPR which are listed in footnote b above. The annual estimates from API data are equal to the sum of the API monthly estimates weighted by the number of days in each month.

[d] Data on imports to Puerto Rico which are included in the source for these estimates have been excluded from these estimates in keeping with the geographic coverage of the table. Data are from computer printouts of the Bureau of Census Report IM-245-X dated April 3, 1980 (1977 and 1978 data) and December 19, 1980 (1979 data).

[e] Estimate equals refinery inputs of foreign crude plus (minus) stock increases (decreases) of foreign crude. The data for the computation are published in EIA's Petroleum Statement, Annuals. The stock changes (all increases) are derived from data on stocks of crude oil at refineries, bulk terminals, and pipelines as reported on Form EIA-90, plus the increase in the SPR. This estimate excludes crude oil imported and not used as refinery input.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Motor Gasoline Supplies for Domestic Use, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	2,573	2,711	2,625	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	2,708	2,792	2,671	105.2%	103.0%	101.8%
Environmental Protection Agency Estimate derived from Production Data[d]	2,766	2,851	2,706	107.5%	105.2%	103.1%
Lundberg Surveys, Inc. Estimate of U.S. Motor Gasoline Sales[e]	2,631	2,746	2,656	102.3%	101.3%	101.2%
American Petroleum Institute Estimate of Deliveries[f]	2,579	2,697	2,612	100.2%	99.5%	99.5%

/// = Not applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived from Table 2 in EIA's *Petroleum Statement, Annual*, 1977, 1978, 1979.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products* 1977, 1978, 1979.

[d] The estimate shown is derived by substituting EIA Domestic Production values with values of domestic production tabulated from the Environmental Protection Agency Bq. Form 3520-2, "Lead Additive Report for Refineries." The EPA production estimates are 2,694 million barrels in 1977, 2,757 in 1978, and 2,648 in 1979 as computed from a summary sheet provided by Mr. Bob Summerhayes of EPA.

[e] From the mid-June issues of the "National Petroleum News," 1979 and 1980.

[f] API publishes monthly estimates in thousands of barrels per month of the volume of motor gasoline delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of motor gasoline multiplied by the number of days per month.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Distillate Fuel Oil (Including Kerosene) Supplied for Domestic Use, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	1,269	1,307	1,275	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	1,282	1,275	1,242	101.0%	97.6%	97.4%
American Petroleum Institute Estimate of Deliveries[d]	1,291	1,300	1,277	101.7%	99.5%	100.2%

/// = Not applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived from Table 2 in EIA's *Petroleum Statement Annual,* 1977, 1978, 1979.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products* 1977, 1978, 1979.

[d] API publishes monthly estimates in thousands of barrels per month of the volume of distillate and kerosene delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of distillate and kerosene multiplied by the number of days per month.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration,* DOE/EIA-0292.

Comparison of Estimates of the Volume of Residual Fuel Oil Supplied for Domestic Use, 1977-1979.

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimates		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	1,024	1,095	1,109	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	796	832	847	80.8%	79.6%	80.1%
American Petroleum Institute Estimate of Deliveries[d]	1,044	1,101	1,114	102.0%	100.5%	100.4%

/// = Not Applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived From Table 2 in EIA's *Petroleum Statement, Annual*, 1977, 1978, 1979. Refinery fuel use, subtracted from the figures in the source referenced below, has been reinstated in these estimates.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products*, 1977, 1978, 1979.

[d] API publishes monthly estimates in thousands of barrels per month of the volume of residual fuel oil delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of residual fuel oil multiplied by the number of days per month.

Geographic Coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparisons of Monthly Estimates Over Time

Inaccuracies in petroleum data resulting from incomplete or delayed reports from respondents and from data processing errors are usually eliminated from the final *PSA* estimates. Such inaccuracies can still have important effects on the monthly estimates published in the *Petroleum Supply Monthly* and its predecessors. The following tables compare the initial monthly estimates published in the *Monthly Petroleum Statistics Report* and the *Petroleum Statement, Monthly* with the final monthly estimates published in the *PSA*. During 1977–1979, the *Monthly Petroleum Statistics Report* was published about 60 days after the end of the reporting month, and the *Petroleum Statement, Monthly* was published about 120-150 days after the end of the reporting month. The tables show that, both in terms of bias and in terms of standard deviation, the later estimates are consistently more accurate than the earlier estimates. In spite of this, the earlier estimates may have been more valuable to users of energy information because of the large difference in timeliness.

Initial Monthly Estimates of Production, Stocks, and Imports of Crude Oil As A Percent of EIA's Final Published Estimates.[a]
January 1977 – December 1979

	Production During Month		Primary Stocks At End of Month		Imports During Month	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	# 98.7%	1.6%	# 98.3%	1.4%	# 95.4%	2.4%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	# 99.6%	0.6%	100.0%	0.1%	# 98.4%	1.3%

Initial Monthly Estimates of Products Supplied for Domestic Use as A Percent of EIA's Final Published Estimates,[a]
January 1977 – December 1979

	Motor Gasoline		Distillate Fuel Oil		Residual Fuel Oil	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	99.9%	1.3%	99.9%	2.3%	# 97.9%	2.7%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	100.0%	0.3%	99.7%	0.5%	99.4%	1.2%

Initial Monthly Estimates of End-of-Month Primary Stocks As a Percent of EIA's Final Published Estimates,[a]
January 1977 – December 1979

	Motor Gasoline		Distillate Fuel Oil		Residual Fuel Oil	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	99.7%	0.8%	99.7%	1.1%	100.1%	0.7%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	99.9%	0.2%	100.0%	0.1%	100.1%	0.5%

# Represents a difference from 100% found to be statistically significant at the 95% level of confidence (n = 36).

[a] Final monthly estimates are from the *Petroleum Statement, Annual* for 1977, 1978 and 1979. The mean percent is calculated as follows: each preliminary estimate is first expressed as a percent of EIA's final published estimate, these are then summed and the sum is divided by the number of estimates. The standard deviation is the square root of the quantity computed by summing the squared deviation of the percents from the mean percent and then dividing by the number of percents.

[b] Based on 36 initial estimates appearing in issues dated January 1977 – December 1979.

[c] Based on 36 initial estimates appearing in issues dated January 1977 – December 1979.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Note 4. Changes in Petroleum Industry Reporting

Petroleum statistics contained in this report for all years through 1980 were developed using definitions, concepts, reporting procedures and aggregation methods that are consistent with those developed by the U.S. Bureau of Mines. Research conducted by the Energy Information Administration in 1979 and 1980 indicated that changes had occurred in the petroleum industry that were not being adequately reflected in EIA's reporting systems.

EIA reporting forms, definitions, and procedures were modified beginning in January 1981 to describe industry operations more accurately. Unfortunately, empirical information is not available to precisely measure the data shortcomings throughout 1980. However, estimates of the magnitudes of differences in the major data series are described below to form a basis for comparing 1979, 1980, and 1981 data.

Motor Gasoline

Prior to 1979, the EIA product-supplied series for motor gasoline was consistently about 2 percent lower than the Federal Highway Administration (FHWA) gasoline-sales data series, which is derived from State tax receipts. This difference increased to about 4 percent in 1979 and 5 percent in 1980. There are two primary causes for this growing difference. First, refinery operations, particularly the flows of unfinished oils and the redesignation of some finished products, were not being accurately described on the EIA survey forms. Second, a large amount of gasoline was being produced away from refineries at "downstream blending stations" to take advantage of provisions in regulations governing the amount of lead that could be added. These blending stations were not reporting gasoline production to the EIA until the data system was changed in January 1981.

Quantitative estimates of the magnitude of the difference in EIA's gasoline product supplied data in 1979 and 1980 have been made by the EIA and the American Petroleum Institute (API). The following table provides 1979 and 1980 data as published in the *Petroleum Statement, Annual*, as well as EIA and API estimates of "recast" motor gasoline product supplied. EIA recast estimates were based upon preliminary monthly information in the *Monthly Petroleum Statement*. The ranges displayed in the EIA column reflect uncertainty in the estimates. Also shown are the FHWA motor gasoline sales statistics for those years. EIA has recently published a study of the quality of these FHWA data.[1]

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[1] Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, *Error Profile of the Motor Fuel Taxation Data used to Establish and Monitor State Emergency Conservation Targets* (Washington, D.C.: December, 1981).

Finished Motor Gasoline Product Supplied on Old and New Basis (Thousand Barrels per Day)

	1979				1980			
	EIA Reported	API Recast	EIA Recast	FHWA[1]	EIA Reported	API Recast	EIA Recast	FHWA[1]
Jan	6,830	7,230	7,084–7,246	6,984	6,323	6,789	6,630–6,791	6,672
Feb	7,254	7,496	7,389–7,568	7,538	6,596	6,983	6,831–7,003	6,830
Mar	7,229	7,414	7,301–7,463	7,316	6,406	6,753	6,607–6,768	6,713
Apr	7,055	7,300	7,187–7,353	7,375	6,800	7,014	6,886–7,052	6,981
May	7,213	7,429	7,313–7,475	7,428	6,729	6,954	6,823–6,984	7,044
Jun	7,191	7,483	7,350–7,516	7,441	6,657	6,966	6,824–6,991	7,049
Jul	6,902	7,241	7,105–7,266	7,299	6,743	6,973	6,960	7,132
Aug	7,330	7,546	7,426–7,588	7,619	6,648	6,841	6,828	7,090
Sep	6,881	7,122	7,016–7,183	7,232	6,510	6,885	6,875	6,958
Oct	7,020	7,205	7,100–7,262	7,287	6,662	6,972	6,962	6,685
Nov	6,791	7,068	6,956–7,122	7,142	6,234	6,507	6,516	6,951
Dec	6,730	7,106	6,966–7,127	7,064	6,632	6,948	6,936	6,993
Average	7,034	7,302	7,183–7,347	7,309	6,579	6,882	6,806–6,889	6,925

[1] FHWA gasoline statistics published in their 1979 Table MF-33G, August 6, 1980, contain aviation gasoline as well as motor gasoline. Only motor gasoline data are included in published 1980 data. Consequently, the 1979 data shown above were reduced by subtracting aviation gasoline product supplied quantities as published by EIA in the 1979 *Petroleum, Statement Annual.* The 1980 FHWA data published in their 1980 Table MF-33GA, August 1981, did not require this adjustment.

Distillate and Residual Fuel Oil

Distillate and residual fuel oil refinery production statistics through 1980 were adjusted to account for an imbalance between unfinished oil supply and disposition. The reported quantities of refinery inputs of unfinished oils typically exceed the available supply of unfinished oils. It has been assumed that this occurs when distillate and residual fuel oil produced by a refinery is shipped to another refinery, where it is treated as unfinished oil. This oil is then reprocessed rather than used or sold as distillate or residual fuel oil.

For many years (including 1980), the difference between unfinished oil disposition and supply was subtracted from distillate and residual fuel oil production to adjust for this discrepancy. Two-thirds of the difference was applied to distillate, and one-third to residual fuel oil.

Beginning in January 1981 this adjustment was discontinued because there was not sufficient empirical evidence to support it. The following table presents distillate and residual fuel oil refinery production in 1979 and 1980 as published (adjusted) and on the same basis as 1981 statistics are now being completed (unadjusted) to permit comparison between 1980 and 1981 data series. Adjusted distillate and residual fuel oil product supplied volumes differ from the unadjusted volumes by the same amounts as the adjusted and unadjusted production volumes.

Adjusted and Unadjusted Refinery Production, and Unadjusted Product Supplied of Distillate and Residual Fuel Oils, by Month for 1979 and 1980 (Thousand Barrels Per Day)
1979

	Distillate Fuel Oil				Residual Fuel Oil			
Month	**Adj. Ref. Prod.**	**Unadj. Ref. Prod.**	**Diff.**	**Unadj. Product Supplied**	**Adj. Ref. Prod.**	**Unadj. Ref. Prod.**	**Diff.**	**Unadj. Product Supplied**
Jan.	3,043	3,108	65	4,646	1,912	1,946	34	3,594
Feb.	2,888	2,945	57	4,869	1,792	1,822	30	3,625
Mar.	3,019	3,026	7	3,671	1,719	1,723	4	3,243
Apr.	2,945	2,978	32	3,048	1,639	1,656	17	2,524
May	3,066	3,093	27	3,025	1,586	1,600	14	2,517
Jun.	3,153	3,187	35	2,743	1,548	1,566	18	2,601
Jul.	3,305	3,344	38	2,601	1,575	1,594	20	2,471
Aug.	3,321	3,359	38	2,799	1,584	1,603	20	2,570
Sep.	3,354	3,306	-48	2,599	1,627	1,602	-25	2,584
Oct.	3,251	3,217	-34	3,085	1,629	1,612	-17	2,523
Nov.	3,239	3,200	-39	3,208	1,736	1,716	-20	2,795
Dec.	3,221	3,238	17	3,725	1,894	1,903	9	3,022
Average	3,152	3,169	16	3,327	1,687	1,695	8	2,834

1980

	Distillate Fuel Oil				Residual Fuel Oil			
Month	**Adj. Ref. Prod.**	**Unadj. Ref. Prod.**	**Diff.**	**Unadj. Product Supplied**	**Adj. Ref. Prod.**	**Unadj. Ref. Prod.**	**Diff.**	**Unadj. Product Supplied**
Jan.	3,013	3,093	80	3,794	1,771	1,812	41	3,108
Feb.	2,766	2,888	122	3,834	1,773	1,836	63	3,168
Mar.	2,557	2,690	133	3,312	1,584	1,652	68	2,726
Apr.	2,460	2,554	94	2,729	1,595	1,643	48	2,492
May	2,474	2,610	136	2,538	1,509	1,579	70	2,305
Jun.	2,646	2,721	75	2,392	1,575	1,613	38	2,359
Jul.	2,689	2,783	94	2,343	1,480	1,528	48	2,339
Aug.	2,461	2,582	121	2,258	1,444	1,506	62	2,348
Sep.	2,686	2,726	40	2,627	1,495	1,516	21	2,380
Oct.	2,589	2,650	61	2,981	1,512	1,543	31	2,258
Nov.	2,703	2,823	120	3,069	1,579	1,641	62	2,513
Dec.	2,891	3,052	161	3,776	1,660	1,743	83	2,762
Average	2,661	2,764	103	2,969	1,580	1,634	54	2,562

Total Petroleum Products

The imbalance between the supply and disposition of unfinished oils is now reported as part of the reclassified products (line 39) in the U.S. Petroleum Balance (Table 1). Imbalances between the supply and disposition of gasoline blending components comprise the remainder of the reclassified in Table 1. These imbalances are reported as negative product supplied in the Other Liquids section of the table of Supply and Disposition Statistics (Table 2). Since these changes only involve redistribution of the volumes of gasoline, distillate and residual fuel oil, gasoline blending components, and unfinished oils, the total volume of petroleum products supplied remains unaffected by them.

Note 5. Notes on Tables

5.1 Crude Oil and Petroleum Products Overview statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Crude Oil and Petroleum Products Stock Withdrawal (+) or Addition (-), Petroleum Products Supplied, Total Imports, Crude Oil Imports, Total Exports, and Crude Oil Exports appear as labeled in Table 3. Total Production and Crude Oil Production appear under Field Production in Table 3.

- Natural Gas Plant Production is the sum of Natural Gas Plant Liquids and Finished Petroleum Products Field Production in Table 3.

- Petroleum Products Imports is the sum of Natural Gas Plant Liquids and LRGs, Other Liquids, and Finished Petroleum Products Imports in Table 3.

- Petroleum Products Exports is the sum of Natural Gas Plant Liquids and LRGs, Other Liquids, and Finished Petroleum Products Exports in Table 3.

- Total Crude Oil and Petroleum Products Ending Stocks appear in thousands of barrels in Table 2.

5.2 Crude Oil Supply and Disposition statistics on the referenced line appear in Table 1 of the Monthly Statistics, except where noted.

- Total Domestic Field Production, Alaskan Field Production, SPR Imports, Other Imports (synonymous with Imports Gross Excl. SPR), SPR and Other Primary Stocks Withdrawal (+) or Addition (-), Unaccounted For Crude Oil, Refinery Inputs, and Exports appear as labeled in Table 1.

- SPR Ending Stocks and Other Primary Ending Stocks (synonymous with stocks excluding SPR) appear in thousands of barrels in Table 1.

- Total Crude Oil Ending Stocks appear in thousands of barrels in Table 2.

- Total Imports appear in Table 3.

5.3 Finished Motor Gasoline Supply and Disposition statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Exports, and Product Supplied appear as labeled in Table 3.

- Unleaded Percent of Total Product Supplied represents the ratio of finished unleaded motor gasoline product supplied to total finished motor gasoline product supplied, multiplied by 100 and rounded to the nearest tenth.

- Ending Stocks appear in thousands of barrels in Table 2.

5.4 Distillate and Residual Fuel Oil Supply and Disposition statistics on the referenced lines appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Crude Used Directly, Exports, and Product Supplied appear as labeled in Table 3.

- Ending Stocks appear in thousands of barrels in Table 2.

5.5 Liquefied Petroleum Gases and Ethane statistics represent the aggregation of statistics on ethane, propane, butane, butane-propane mixtures, ethane-propane mixtures, and isobutane. The statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied appear as labeled in Table 3.

- Ending stocks appear in thousands of barrels in Table 2.

5.6 **Other Petroleum Products Supply and Disposition** statistics represent the aggregation of statistics on natural gasoline, isopentane, unfractionated stream, plant condensate, other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, and residual fuel oil. The statistics on the referenced line are aggregated from Table 3 of the Monthly Statistics, except where noted.

- Total Production is the aggregated sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied are aggregated from Table 3.

- Ending stocks are aggregated from ending stocks in thousands of barrels in Table 2.

Note 5.7 Table 1. U.S. Petroleum Balance

- Lines (1) through (3) of Table 1: Crude oil (including lease condensate) production for "Alaska," "Lower 48 States," and "Total U.S." are calculated by calling the conservation agency in Alaska for Alaskan crude oil production during the month, estimating crude oil production in the United States (see Explanatory Note 2.2), and taking the difference to equal production in the lower 48 states.

- Line (5) of Table 1: SPR imports are reported on Survey Form ERA-60.

- Line (12) of Table 1: "Total Other Sources" equals crude oil stock withdrawal (+) or addition (-) plus unaccounted for crude oil plus crude used as fuel and losses in Table 2.

- Line (14) of Table 1: natural gas plant liquids (NGPL) "Production" equals field production of natural gas plant liquids (NGPL) plus field production of finished petroleum products in Table 2.

- Line (15) of Table 1: NGPL "Imports" equals the sum of the imports of natural gasoline and isopentane, unfractionated stream, and plant condensate imports in Table 2.

- Line (16) of Table 1: NGPL "Stock Withdrawal (+) or Addition (-)" is equal to the sum of stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate in Table 2.

- Line (17) of Table 1 equals the sum of lines (14), (15), and (16) of Table 1.

- Line (18) of Table 1: unfinished oils and gasoline blending components "Stock Withdrawal (+) or Addition (-)" equals stock withdrawal (+) or addition (-) for other hydrocarbons and alcohol, for unfinished oils, motor gasoline blending components, and aviation gasoline blending components.

- Line (20) of Table 1: "Other Hydrocarbons and Alcohol New Supply" equals the field production of same in Table 2.

- Line (21) on Table 1: "Refinery Processing Gain" is a balancing item equal to total refinery production minus total refinery input in Table 2.

- Line (22) on Table 1: "Crude Used Directly" equals the sum of crude oil used directly as distillate and residual fuel oils in Table 2.

- Line (23) of Table 1: "Total Other Liquids" equals the sum of lines (18) through (22) of Table 1.

- Line (24) of Table 1: "Total Production of Products" equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oils in Table 2.

- Line (25) of Table 1: "Gross Imports of Refined Products" equals imports of LPG and ethane plus imports of finished petroleum products in Table 2.

- Line (26) of Table 1: "Exports of Refined Products" equals exports of LPG and ethane plus exports of finished petroleum products in Table 2.

- Line (27) of Table 1: "Net Imports of Refined Products" equals the difference between lines (25) and (26) of Table (1).

- Line (28) of Table 1: "Total New Supply of Products" equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oils; plus imports of LPG and ethane and finished petroleum products; minus exports of LPG and ethane and finished petroleum products in Table 2.

- Line (29) of Table 1: "Refined Products Stocks Withdrawal (+) or Addition (-) equals the sum of stock withdrawal (+) or addition (-) for LPG and ethane, and finished petroleum products in Table 2.

- Line (30) of Table 1: "Total Petroleum Products Supplied for Domestic Use" equals total products supplied in Table 2.

- Lines (31) through (37) of Table 1 equal the respective products supplied in Table 2.

- Line (38) of Table 1: "Other Products Supplied" equals the sum of natural gasoline and isopentane, unfractionated stream, plant condensate, aviation gasoline, naphtha > 400 Deg. F for petrochemical feedstock use, other oils > 400 Deg. F. for petrochemical feedstock use, special naphthas, lubricants, waxes, coke, asphalt, road oil, still gas, and miscellaneous products supplied in Table 2.

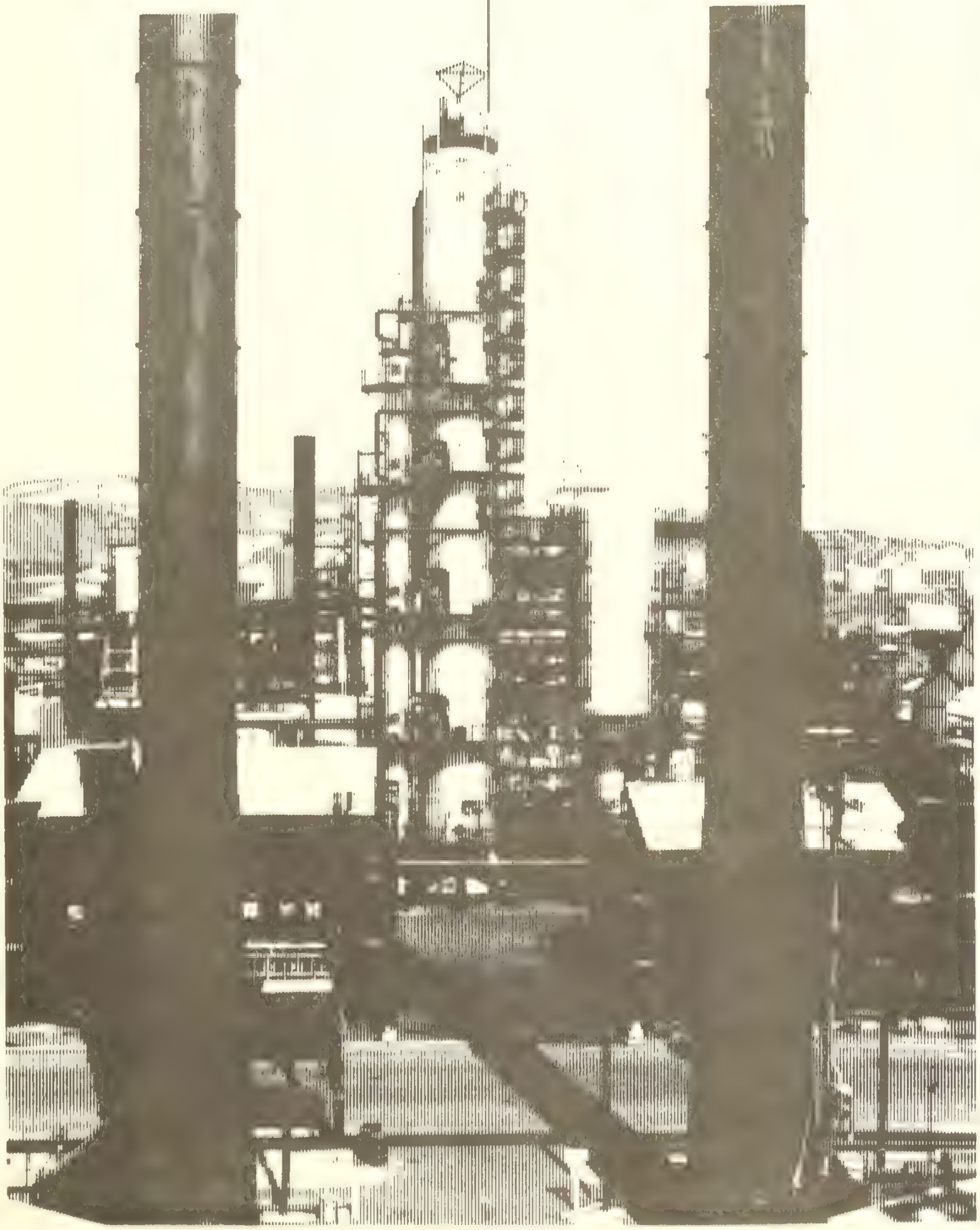
- Line (39) of Table 1: "Total Reclassified" is a balancing item equal to the sum of unfinished oils, motor gasoline blending components, and aviation gasoline blending components products supplied in Table 2.

- Line (40) of Table 1: "Total Product Supplied" is equal to total products supplied in Table 2.

- The sum of lines (41) and (42) of Table 1, stocks of "Crude Oil and Lease Condensate (Excluding SPR)" and stocks held by the "Strategic Petroleum Reserve," equals ending stocks of crude oil in Table 2. SPR stocks are reported on Form EIA-90.

- Line (46) of Table 1, stocks of "Refined Products," equals the sum of LPG and ethane and finished petroleum product stocks in Table 2.

efinery Capacity



Refinery Capacity

During 1981, the U.S. Petroleum Industry experienced a sharp decline in the number of petroleum refining facilities in operation. Twenty-three refineries closed during 1981, leaving 301 operable refineries reporting a combined crude oil distillation capacity of 17.9 million barrels per calendar day as of January 1, 1982. This represented a decrease of 0.7 million barrels per calendar day when compared to the crude oil distillation capacity on January 1, 1981. Of the total crude oil distillation capacity of 17.9 million barrels per calendar day, 1.8 million barrels per calendar day were idle. This represents an increase from January 1, 1981 of 1.2 million barrels per calendar day. Closer scrutiny of this figure reveals that 47 refineries were "totally idle" (but capable of reopening within 90 days), accounting for 990,204 barrels per calendar day.

The crude oil distillation capacity projected for January 1, 1983, shows a net decrease of 184,292 barrels per stream day. Expansions and additions slated for completion during 1982 are projected to be 319,008 barrels per stream day. This increase is offset by the scheduled closing of thirteen additional refineries during 1982 accounting for 503,500 barrels per stream day. Projections for January 1, 1984 show a net crude distillation capacity increase of 223,500 barrels per stream day reflecting modifications, expansions and additions to increase the capability to process high sulfur crude oil.

Projected refinery input of crude oil and other feedstocks during 1982 declined dramatically. The projected average refinery input of crude oil and other feedstocks during 1982 is 14.7 million barrels per calendar day, a drop of 2.5 million barrels per calendar day when compared with the average input projected in the January 1, 1981 report. This lower level of refinery input is reflected in the projected production for selected products which shows a decrease in motor gasoline, jet fuel and distillate fuel oil totalling 1.2 million barrels per calendar day.

Projections for the next two years will bring the total average refinery input to 15.9 million barrels per calendar day by 1984. This increase is most attributable to the revamping of refining operations to further process the bottom of the crude barrel through downstream facilities thereby lessening the significance of crude distillation capacity decline.

Shell and working storage capacities as of January 1, 1982, totaled 799,034 thousand barrels and 696,626 thousand barrels, respectively. Refinery shutdowns and the transfer of petroleum products to bulk terminal operations decreased the shell and working storage capacities at refineries by 41,230 thousand barrels and 34,973 thousand barrels, respectively.

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 1982

PAD District and States	Number of Operable Refineries			Crude Capacity				Charge Capacity (Barrels per Stream Day)							
				Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating
	Total	Operating	Idle[1]	Operating	Idle	Operating	Idle								
PAD District I															
Delaware	1	1	0	140,000	0	150,000	0	90,700	44,000	62,000	15,000	42,000	20,000	0	110,000
Florida	1	0	1	0	15,000	0	15,700	10,000	0	0	0	0	0	0	0
Georgia	2	2	0	29,000	0	32,200	0	0	0	0	0	0	0	0	0
Maryland	2	1	1	15,000	14,200	16,000	15,000	13,800	0	0	0	0	0	0	0
New Jersey	6	5	1	602,100	133,000	634,900	140,000	408,700	34,500	262,000	45,000	124,500	0	130,000	314,600
New York	2	2	0	97,900	0	106,000	0	55,000	0	22,000	0	11,000	0	15,200	11,000
Pennsylvania	9	9	0	704,041	0	747,100	0	334,180	0	249,300	23,300	212,900	55,000	113,000	378,800
Virginia	1	1	0	53,000	0	55,000	0	29,000	15,000	28,000	5,000	9,500	0	0	26,500
West Virginia	3	3	0	22,100	0	23,100	0	6,000	0	0	0	6,600	4,440	0	0
Total	27	24	3	1,663,141	162,200	1,764,300	170,700	947,380	93,500	623,300	88,300	406,500	79,440	258,200	840,900
PAD District II															
Illinois	8	7	1	948,100	76,200	1,002,000	81,260	385,000	104,300	374,000	17,400	280,400	66,500	6,000	527,800
Indiana	7	5	2	468,700	133,600	498,800	138,187	262,200	20,000	215,000	11,000	123,500	0	50,000	203,160
Kansas	11	9	2	452,959	12,500	481,133	13,750	141,860	50,600	181,800	42,200	114,000	3,190	40,000	157,800
Kentucky	4	3	1	244,100	3,000	252,300	3,500	100,500	2,600	71,500	0	49,000	0	91,000	53,200
Michigan	5	4	1	117,100	11,500	124,800	12,500	26,000	0	45,000	1,300	35,000	0	17,700	18,700
Minnesota	2	2	0	194,443	0	201,125	0	110,000	24,000	75,800	0	45,500	0	116,000	12,500
Missouri	1	1	0	104,000	0	111,000	0	40,000	14,000	42,000	12,000	16,000	0	0	61,500
Nebraska	1	1	0	5,600	0	6,170	0	2,400	0	2,400	500	750	0	0	0
North Dakota	3	2	1	60,250	5,000	63,600	5,250	0	0	26,000	5,200	11,000	0	0	17,000
Ohio	6	6	0	543,100	0	567,000	0	202,000	27,400	186,700	33,800	148,700	74,000	31,500	160,500
Oklahoma	13	12	1	526,100	40,400	543,900	42,000	188,600	54,800	206,000	16,400	126,800	5,000	26,000	126,300
Tennessee	1	1	0	49,500	0	49,900	0	12,000	0	30,000	12,000	9,300	0	0	29,500
Wisconsin	1	1	0	39,000	0	40,000	0	15,000	0	9,500	1,000	9,800	0	0	17,300
Total	63	54	9	3,752,952	282,200	3,941,728	296,447	1,485,560	297,700	1,465,700	152,800	969,750	148,690	378,200	1,385,260
PAD District III															
Alabama	6	6	0	142,900	0	150,500	0	32,000	10,000	0	0	23,500	0	4,000	43,300
Arkansas	4	4	0	53,000	11,200	54,900	11,500	29,500	0	16,000	800	9,000	0	5,500	0
Louisiana	34	26	8	2,287,480	219,391	2,399,583	237,205	1,056,280	381,100	823,900	42,300	441,580	71,700	143,900	808,900
Mississippi	7	6	1	355,300	16,000	379,559	20,000	186,875	7,000	74,000	2,000	95,800	68,000	104,000	10,300
New Mexico	7	7	0	117,924	0	129,416	0	22,400	1,500	27,100	4,000	23,150	0	0	25,950
Texas	65	48	17	4,322,094	745,654	4,601,800	834,800	1,793,875	467,300	1,558,800	177,000	1,172,900	136,000	659,400	2,279,600
Total	123	97	26	7,278,698	992,245	7,715,758	1,103,505	3,120,930	866,900	2,499,800	226,100	1,765,930	275,700	916,800	3,168,050
PAD District IV															
Colorado	3	3	0	84,400	0	87,500	0	36,000	4,500	24,500	825	19,500	0	0	28,700
Montana	6	6	0	146,250	7,800	152,650	8,000	37,100	8,700	51,600	12,450	44,100	4,900	3,500	112,450
Utah	8	8	0	162,300	4,200	171,000	4,300	47,000	8,500	54,000	10,100	26,400	1,200	0	35,600
Wyoming	12	10	2	209,555	20,180	218,100	25,190	97,020	13,000	71,500	16,700	36,950	0	7,700	61,000
Total	29	27	2	602,505	32,180	629,250	37,490	217,120	34,700	201,600	40,075	126,950	6,100	11,200	237,750
PAD District V															
Alaska	4	4	0	130,023	0	135,300	0	10,000	0	0	0	10,000	7,500	0	0
Arizona	1	1	0	4,015	0	5,700	0	0	0	0	0	0	0	0	0
California	43	38	5	2,233,065	301,600	2,397,946	339,600	1,196,200	448,800	569,700	32,020	576,630	328,700	193,925	956,800
Hawaii	1	1	0	48,000	0	50,000	0	28,000	0	22,000	0	0	0	0	0
Nevada	1	1	0	4,180	0	4,500	0	2,400	0	0	0	0	0	0	0
Oregon	1	0	1	0	15,000	0	16,000	16,000	0	0	0	0	0	0	0
Washington	8	7	1	387,000	730	408,800	1,000	173,600	40,000	91,500	23,000	110,500	46,000	0	192,300
Total	59	52	7	2,806,283	317,330	3,002,246	356,600	1,426,200	488,800	683,200	55,020	697,130	382,200	193,925	1,149,100
United States, Total	301	254	47	16,103,579	1,786,155	17,053,282	1,964,742	7,197,190	1,781,600	5,473,600	562,295	3,966,260	892,130	1,758,325	6,781,060
Virgin Islands	1	1	0	585,000	115,000	585,000	115,000	190,000	0	0	0	125,000	0	0	420,000
Puerto Rico	4	3	1	182,454	73,041	200,000	84,000	131,500	20,000	52,000	4,000	93,570	15,000	0	134,600
Hawaiian Foreign Trade Zone	1	1	0	67,900	0	67,900	0	30,000	0	0	0	13,000	12,000	0	13,000
Guam	1	1	0	43,900	0	47,160	0	1,400	0	0	0	0	0	0	0

[1] Does not include refineries that were permanently shutdown on January 1, 1982 and only includes refineries totally idle.

Source: Form EIA-177.

Table 2. Production Capacity of Petroleum Refineries by PAD District and State as of January 1, 1982
(Barrels per Stream Day, Except Where Noted)

PAD District and States	Production Capacity					
	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/ day)
PAD District I						
Delaware	8,000	0	3,595	0	70	1,410
Florida	0	6,500	0	0	0	0
Georgia	0	21,000	0	0	0	0
Maryland	0	22,800	0	0	0	0
New Jersey	18,800	101,800	28,000	10,900	0	975
New York	2,000	5,500	6,200	0	0	0
Pennsylvania	42,700	30,000	5,300	29,980	49	0
Virginia	0	0	0	0	0	875
West Virginia	0	0	0	6,300	1	0
Total	71,500	187,600	43,095	47,180	120	3,260
PAD District II						
Illinois	89,200	43,400	7,300	5,600	25	5,230
Indiana	33,900	56,425	15,500	6,400	1	1,200
Kansas	48,700	22,400	10,945	5,400	0	1,805
Kentucky	16,000	28,500	22,500	7,900	20	0
Michigan	7,500	8,650	0	0	0	0
Minnesota	14,300	34,000	7,500	0	14	1,250
Missouri	5,000	6,500	0	0	0	800
Nebraska	0	0	0	0	0	0
North Dakota	2,800	0	4,000	0	0	0
Ohio	31,300	22,300	8,500	2,400	24	1,300
Oklahoma	48,800	17,758	15,300	10,652	9	1,890
Tennessee	3,500	3,500	0	0	0	0
Wisconsin	1,600	8,000	0	0	0	0
Total	302,600	251,433	91,545	38,352	93	13,475
PAD District III						
Alabama	0	20,500	0	0	80	400
Arkansas	3,700	9,500	0	4,150	0	0
Louisiana	166,200	55,315	22,800	33,292	73	6,930
Mississippi	12,700	8,695	6,000	0	109	250
New Mexico	3,400	3,100	0	0	0	0
Texas	266,600	58,400	250,165	95,300	557	8,620
Total	452,600	155,510	278,965	132,742	819	16,200

Table 2. Production Capacity of Petroleum Refineries by PAD District and State as of January 1, 1982 (continued)
(Barrels per Stream Day, Except Where Noted)

PAD District and States	Production Capacity					
	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/ day)
PAD District IV						
Colorado	0	3,300	0	0	1	175
Montana	10,980	8,800	4,150	0	17	310
Utah	11,750	4,700	3,750	0	0	350
Wyoming	10,250	21,650	1,500	1,830	0	665
Total	32,980	38,450	9,400	1,830	18	1,500
PAD District V						
Alaska	0	6,000	0	0	0	0
Arizona	0	0	0	0	0	0
California	95,600	82,546	24,500	21,792	836	17,170
Hawaii	4,500	1,300	1,500	0	1	0
Nevada	0	0	0	0	0	0
Oregon	0	12,500	0	0	0	0
Washington	24,600	5,000	2,600	0	68	1,800
Total	124,700	107,346	28,600	21,792	905	18,970
United States, Total	984,380	740,339	451,605	241,896	1,955	53,405
Virgin Islands	0	0	45,000	0	0	0
Puerto Rico	4,500	1,000	31,780	6,500	18	0
Hawaiian Foreign Trade Zone	0	0	0	0	17	0
Guam	0	350	0	0	0	0

Source: Form EIA-177.

Table 3. Number and Capacity of Operable Petroleum Refineries by Refining District as of January 1, 1982

Refining District	Number of Refineries			Crude Capacity				Charge Capacity (Barrels per Stream Day)							
				Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating
	Total	Operating	Idle[1]	Operating	Idle	Operating	Idle								
East Coast	18	15	3	1,501,100	162,200	1,595,100	170,700	875,200	93,500	583,300	88,100	364,200	75,000	243,000	791,100
Appalachian No. 1	9	9	0	162,041	0	169,200	0	72,180	0	40,000	200	42,300	4,440	15,200	49,800
Appalachian No. 2	1	1	0	66,000	0	68,000	0	35,000	0	26,000	0	20,000	0	31,500	20,000
Ind., Ill., Ky., etc.	30	25	5	2,304,600	224,300	2,426,800	235,447	952,700	154,300	896,200	75,500	625,900	140,500	164,700	972,860
Minn., Wisc., etc.	6	5	1	293,693	5,000	304,725	5,250	125,000	24,000	111,300	6,200	66,300	0	116,000	46,800
Okla., Kansas, etc.	26	23	3	1,088,659	52,900	1,142,203	55,750	372,860	119,400	432,200	71,100	257,550	8,190	66,000	345,600
Texas Inland	27	21	6	591,350	41,984	655,800	49,850	146,975	31,300	207,700	25,100	152,900	0	0	229,400
Texas Gulf	38	27	11	3,730,744	703,670	3,946,000	784,950	1,646,900	436,000	1,351,100	151,900	1,020,000	136,000	659,400	2,050,200
Louisiana Gulf	30	24	6	2,585,500	211,200	2,716,633	227,055	1,202,500	381,100	879,900	44,300	528,600	139,700	244,500	818,100
Ark., La. Inland, etc.	21	18	3	253,180	35,391	267,909	41,650	102,155	17,000	34,000	800	41,280	0	12,900	44,400
New Mexico	7	7	0	117,924	0	129,416	0	22,400	1,500	27,100	4,000	23,150	0	0	25,950
Rocky Mountain	29	27	2	602,505	32,180	629,250	37,490	217,120	34,700	201,600	40,075	126,950	6,100	11,200	237,750
West Coast	59	52	7	2,806,283	317,330	3,002,246	356,600	1,426,200	488,800	683,200	55,020	697,130	382,200	193,925	1,149,100
United States, Total	301	254	47	16,103,579	1,786,155	17,053,282	1,964,742	7,197,190	1,781,600	5,473,600	562,295	3,966,260	892,130	1,758,325	6,781,060

[1] Does not include refineries that were permanently shutdown on January 1, 1982 and only includes refineries totally idle.

Source: Form EIA-177.

Table 4. Production Capacity of Petroleum Refineries by Refining District as of January 1, 1982 (Barrels per Stream Day, Except Where Noted)

Refining District	Production Capacity					
	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/ day)
East Coast	67,000	177,100	36,895	28,900	115	3,260
Appalachian No. 1	4,500	10,500	6,200	18,280	5	0
Appalachian No. 2	7,000	5,500	0	0	0	0
Ind., Ill., Ky., etc.	174,400	157,275	53,800	22,300	70	7,730
Minn., Wisc., etc.	18,700	42,000	11,500	0	14	1,250
Okla., Kansas, etc.	102,500	46,658	26,245	16,052	9	4,495
Texas Inland	57,000	22,000	45,610	0	20	470
Texas Gulf	209,600	36,400	204,555	95,300	537	8,150
Louisiana Gulf	175,400	59,900	25,300	24,400	182	6,930
Ark., La. Inland, etc.	7,200	34,110	3,500	13,042	80	650
New Mexico	3,400	3,100	0	0	0	0
Rocky Mountain	32,980	38,450	9,400	1,830	18	1,500
West Coast	124,700	107,346	28,600	21,792	905	18,970
United States, Total	984,380	740,339	451,605	241,896	1,955	53,405

Source: Form EIA-177.

Table 5. Capacity of Petroleum Refineries by State
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Alabama																		
Coral Petroleum Inc. - Tuscaloosa	10,500	0	11,500	0	6,000	0	0	0	0	0	0	0	0	5,000	0	0	0	0
Hunt Oil Co. - Tuscaloosa	33,500	0	35,000	0	14,000	[1]10,000	0	0	[2]6,000	0	[3]4,000	[4]7,500 [5]6,800	0	9,500	0	0	80	400
Louisiana Land & Exploration Co. - Mobile	41,300	0	43,000	0	0	0	0	0	[2]13,000	0	0	[5]19,000	0	0	0	0	0	0
Marion Corp. - Theodore	25,500	0	27,000	0	0	0	0	0	[2]4,500	0	0	[5]5,000 [6]5,000	0	0	0	0	0	0
Mobile Bay Refining Co. - Chickasaw	26,600	0	28,000	0	10,000	0	0	0	0	0	0	0	0	6,000	0	0	0	0
Warrior Asphalt Co. of Alabama Inc. - Holt	5,500	0	6,000	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	142,900	0	150,500	0	32,000	10,000	0	0	23,500	0	4,000	43,300	0	20,500	0	0	80	400
Alaska																		
Atlantic Richfield Co. - North Pole	14,200	0	14,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc. - Kenai	22,000	0	22,500	0	10,000	0	0	0	0	0	0	0	0	6,000	0	0	0	0
Earth Resources Co. of Alaska - North Pole	45,323	0	46,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tesoro-Alaskan Petroleum Corp. - Kenai	48,500	0	52,000	0	0	0	0	0	[2]10,000	7,500	0	0	0	0	0	0	0	0
Total	130,023	0	135,300	0	10,000	0	0	0	10,000	7,500	0	0	0	6,000	0	0	0	0
Arizona																		
Arizona Fuel Corp. - Fredonia	4,015	0	5,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arkansas																		
Berry Petroleum Co. - Stephens	3,300	0	3,500	0	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0
Cross Oil & Refining Co. of Arkansas - Smackover	6,800	2,700	7,000	2,800	3,300	0	0	0	0	0	0	0	0	1,900	0	2,200	0	0
MacMillan Ring-Free Oil Co. Inc. - Norphlet	4,400	0	5,100	0	3,000	0	0	0	0	0	0	0	0	1,600	0	1,950	0	0
Tosco Corp. - El Dorado	38,500	8,500	39,300	8,700	22,000	0	16,000	800	[2]9,000	0	[3]5,500	0	3,700	6,000	0	0	0	0
Total	53,000	11,200	54,900	11,500	29,500	0	16,000	800	9,000	0	5,500	0	3,700	9,500	0	4,150	0	0

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[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
California																		
American Ultramar Ltd. (formerly Beacon Oil Co.) - Hanford	17,300	0	18,646	0	0	[7]350 [8]2,750	0	0	[2]3,630	0	0	[4]5,000	0	0	0	0	0	0
Anchor Refining Co. Inc. - McKittrick	10,000	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atlantic Richfield Co. - Carson	166,000	0	172,000	0	76,000	[1]36,000	58,000	0	[2]38,000	19,000	0	[3]23,500 [5]38,000 [6]16,500	7,200	0	2,500 [9]12,500	0	50	1,800
Champlin Petroleum Co. - Wilmington	60,000	0	62,600	0	30,000	[1]23,600	0	0	[2]12,000	0	[10]36,000	0	0	0	0	0	0	1,100
Chevron U.S.A. Inc.																		
- Bakersfield	26,000	0	27,500	0	0	[7]9,800	0	0	[2]6,000	0	0	0	0	0	0	0	0	0
- El Segundo	390,000	15,000	417,000	18,000	179,000	[1]54,000	63,000	0	[2]60,000	49,000	[11]24,000 [10]60,000	[4]11,000 [3]14,000 [5]45,000 [6]18,000	8,000	0	1,500	0	107	2,900
- Richmond	294,000	71,000	325,000	82,000	226,000	0	63,000	0	[2]84,000	75,000	0	[3]65,000 [5]82,000 [6]60,000	9,200	11,000	2,000 [12]2,000	10,000	135	0
Coastal Petroleum Co. - Paloma	0	10,200	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conoco Inc.																		
- Paramount	26,300	20,200	27,000	21,000	28,000	0	0	0	[2]11,500	0	0	[3]7,000 [5]11,500 [6]10,000	0	15,000	0	0	0	0
- Santa Maria	9,500	0	10,000	0	7,800	0	0	0	0	0	0	0	0	6,800	0	0	0	0
Demenno-Kerdoon (formerly Demenno Resources) - Compton	10,000	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECO Petroleum Inc. - Long Beach	0	11,000	0	14,000	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0
Edgington Oil Co. Inc. - Long Beach	41,600	0	44,700	0	21,600	0	0	0	0	0	0	0	0	15,000	0	0	0	0
Exxon Co. U.S.A. - Benecia	106,000	0	112,000	0	55,000	[13]26,000	50,000	11,000	[14]26,000	26,000	[6]24,000	[4]51,000 [3]25,000	12,000	0	0	0	104	1,000
Fletcher Oil & Refining Co. - Carson	24,575	0	29,500	0	0	0	7,200	720	[2]4,500	0	0	0	0	0	0	0	0	0
Getty Refining & Marketing Co. - Bakersfield	40,900	19,100	44,000	20,700	22,000	0	0	0	[2]9,200	0	[10]18,000	[5]9,200	0	0	0	0	12	0
Gibson Oil & Refining Co. - Bakersfield	4,600	0	5,000	0	0	0	0	0	0	0	0	0	0	4,700	300	0	0	0
Golden Eagle Refining Co. Inc. - Carson	16,170	0	16,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gulf Oil Corp. - Santa Fe Springs	51,500	0	53,800	0	25,000	[8]13,800	27,000	0	[2]19,000	11,000	0	[5]12,000	3,000	0	0	0	12	0

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[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
California (continued)																		
Huntway Refining Co. - Wilmington	5,400	0	6,000	0	5,000	0	0	0	0	0	[11]630 [10]1,333 [3]462	0	0	2,575	0	0	0	0
Kern County Refinery Inc. - Bakersfield	21,400	0	23,000	0	0	[8]7,000	0	0	[2]3,000	0	0	[5]3,000	0	0	0	0	0	0
Lunday-Thagard Oil Co. - South Gate	12,000	0	12,600	0	0	0	0	0	0	0	0	0	0	2,500	0	0	0	0
MacMillan Ring-Free Oil Co. Inc. - Long Beach	12,200	0	14,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marlex Oil & Refining Inc. - Long Beach	22,000	0	25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobil Oil Corp. - Torrance	123,500	0	130,000	0	95,000	[1]47,000	61,000	0	[2]36,000	21,700	0	[4]15,000 [3]28,000 [5]21,000	12,300	0	0	0	62	2,900
Newhall Refining Co. Inc. - Newhall	17,600	0	23,000	0	8,000	0	0	0	[2]2,300	0	0	[3]4,500 [5]2,300	0	4,000	0	0	0	0
Oxnard Refinery - Oxnard	4,000	0	4,500	0	0	0	0	0	0	0	0	0	0	2,000	0	0	0	0
Pacific Refining Co. Inc. - Hercules	0	85,000	0	91,400	0	0	0	0	[2]18,000	0	[3]3,000	0	0	0	0	0	0	0
Powerine Oil Co. - Santa Fe Springs	44,120	0	46,000	0	22,000	0	13,500	300	[2]8,000	0	0	[3]8,000 [5]9,000	2,400	2,000	[12]1,000	0	0	0
Sabre Refining Inc. - Bakersfield	0	10,000	0	13,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin Refining Co. - Bakersfield	10,000	0	20,000	0	0	0	0	0	0	0	0	0	0	3,071	0	0	0	0
Shell Oil Co. - Martinez	91,400	12,600	94,000	13,000	60,300	[6]22,000	60,000	0	[14]25,000	20,000	0	[4]17,000 [3]16,000 [6]74,800	8,000	11,000	0	4,500	96	20
- Wilmington	93,000	0	96,000	0	60,000	[1]50,000	35,000	5,000	[2]24,000	0	0	[4]27,000 [3]17,000 [6]29,000	8,600	0	[12]2,700	0	0	2,500
Sunland Refining Corp. - Bakersfield	12,000	5,000	15,000	7,000	0	0	0	0	[2]1,000	0	0	0	0	0	0	0	0	0
Texaco Inc. - Wilmington	75,000	0	78,000	0	42,000	[1]50,000	28,000	8,000	[2]35,000	22,000	0	[5]25,000	4,400	0	0	0	48	1,650
Tosco Corp. - Avon	126,000	0	132,600	0	81,000	[13]37,000	47,000	0	[2]50,000	20,000	0	[4]24,500 [5]10,000	10,500	0	0	0	60	1,200
- Bakersfield	39,500	0	40,000	0	23,500	[13]7,000	12,000	0	[2]16,500	14,000	0	[5]7,000	2,000	0	0	0	20	250

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[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
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[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity: Barrels per Calendar Day: Operating	Crude Capacity: Barrels per Calendar Day: Idle	Crude Capacity: Barrels per Stream Day: Operating	Crude Capacity: Barrels per Stream Day: Idle	Charge Capacity (Barrels per Stream Day): Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Production Capacity (Barrels per Stream Day): Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
California (continued)																		
Union Oil Co. of California																		
- Arroyo Grande	41,000	0	43,000	0	0	[1]24,000	0	0	0	0	0	0	0	0	0	0	0	1,000
- Rodeo	70,000	0	74,000	0	38,500	[1]18,500	0	0	[2]28,000	30,000	[3]14,000	[3]9,000 [5]21,000	0	0	0	4,400	70	850
- Wilmington	86,500	21,500	89,000	22,000	83,000	[8]20,000	45,000	7,000	[2]49,000	21,000	0	[3]33,000 [5]52,000	8,000	0	0	0	49	0
USA Petrochem Corp.																		
- Ventura	24,000	0	30,000	0	0	0	0	0	[2]7,000	0	[10]12,000	0	0	0	0	0	11	0
West Coast Oil Co.																		
- Oildale	0	E21,000	0	E22,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Witco Chemical Corp.																		
- Oildale	8,000	0	11,000	0	0	0	0	0	0	0	[3]500	0	0	2,900	0	2,892	0	0
Total	2,233,065	301,600	2,397,946	339,600	1,196,200	448,800	569,700	32,020	576,630	[illegible]3,700	193,925	956,800	95,600	82,546	24,500	21,792	836	17,170
Colorado																		
Asamera Oil (U.S.) Inc.																		
- Commerce City	38,800	0	40,000	0	20,000	0	8,000	0	[2]10,000	0	0	[5]10,000	0	0	0	0	0	0
Conoco Inc.																		
- Commerce City	32,500	0	33,500	0	6,000	0	16,500	825	[2]7,000	0	0	[3]8,500 [5]7,000	0	3,300	0	0	0	0
Gary Refining Co. - Fruita	13,100	0	14,000	0	10,000	[1]4,500	0	0	[2]2,500	0	0	[5]3,200	0	0	0	0	1	175
Total	84,400	0	87,500	0	36,000	4,500	24,500	825	19,500	0	0	28,700	0	3,300	0	0	1	175
Delaware																		
Getty Refining & Marketing Co. - Delaware City	140,000	0	150,000	0	90,700	[13]44,000	62,000	15,000	[2]42,000	20,000	0	[4]10,000 [3]55,000 [5]45,000	8,000	0	3,595	0	70	1,410
Florida																		
Seminole Refining Inc.																		
- St. Marks	0	15,000	0	15,700	10,000	0	0	0	0	0	0	0	0	6,500	0	0	0	0
Georgia																		
Amoco Oil Co.																		
- Savannah	24,000	0	27,000	0	0	0	0	0	0	0	0	0	0	15,000	0	0	0	0
Young Refining Corp.																		
- Douglasville	5,000	0	5,200	0	0	0	0	0	0	0	0	0	0	6,000	0	0	0	0
Total	29,000	0	32,200	0	0	0	0	0	0	0	0	0	0	21,000	0	0	0	0

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[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Hawaii																		
Chevron U.S.A. Inc - Honolulu	48,000	0	50,000	0	28,000	0	22,000	0	0	0	0	0	4,500	1,300	[12]1,500	0	1	0
Illinois																		
Clark Oil & Refining Corp.																		
- Blue Island	66,500	0	70,000	0	27,000	0	25,000	1,000	[2]30,500	11,000	0	[5]20,000	6,000	7,500	0	0	0	0
- Hartford	63,600	0	67,000	0	22,500	[1]13,500	27,000	1,000	[2]12,000	0	0	[3]12,000 [5]12,500	8,000	0	0	0	0	850
Dillman Oil Recovery Inc. - Oblong	0	E1,200	0	E1,260	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marathon Oil Co. - Robinson	120,000	75,000	125,000	80,000	62,000	[8]2,800 [1]24,000	38,000	400	[14]12,400 [2]35,000	22,000	[3]6,000	[4]22,000	7,600	0	0	0	25	1,200
Mobil Oil Corp. - Joliet	180,000	0	200,000	0	88,000	[1]33,000	98,000	0	[2]46,000	0	0	[3]75,000 [5]72,000	24,000	0	0	0	0	2,080
Shell Oil Co. - Wood River	283,000	0	295,000	0	105,500	0	94,000	0	[14]68,000 [2]22,000	33,500	0	[4]64,000 [3]52,500 [6]69,000	22,000	32,000	3,800	5,600	0	0
Texaco Inc. - Lawrenceville	84,000	0	88,000	0	25,000	[7]9,000	34,000	10,000	[2]24,000	0	0	[3]17,000 [5]24,000	6,600	2,700	0	0	0	0
Union Oil Co. of California - Lemont	151,000	0	157,000	0	55,000	[1]22,000	58,000	5,000	[2]30,500	0	0	[4]4,000 [3]38,000 [5]44,000 [6]1,800	15,000	1,200	3,500	0	0	1,100
Total	948,100	76,200	1,002,000	81,260	385,000	104,300	374,000	17,400	280,400	66,500	6,000	527,800	89,200	43,400	7,300	5,600	25	5,230
Indiana																		
Amoco Oil Co. - Whiting	380,000	0	405,000	0	180,000	[1]20,000	145,000	6,000	[14]90,000	0	0	[3]47,000 [5]97,000 [6]23,160	22,000	40,000	13,000 [12]2,500	6,400	1	1,200
Energy Cooperative Inc. - East Chicago	0	126,000	0	130,000	55,000	0	45,000	5,000	[2]20,000	0	[10]18,000 [3]27,000	[5]20,000	6,000	9,000	0	0	0	0
Gladieux Refinery Inc. - Fort Wayne	15,800	0	16,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana Farm Bureau Cooperative Association Inc. - Mount Vernon	21,200	0	22,600	0	7,200	0	7,000	0	[2]3,500	0	0	0	1,700	0	0	0	0	0
Industrial Fuel & Asphalt of Indiana Inc. - Hammond	0	E7,600	0	E8,187	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laketon Asphalt Refining Co. - Laketon	8,500	0	9,700	0	5,000	0	0	0	0	0	0	0	0	2,625	0	0	0	0

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[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Indiana (continued)																		
Rock Island Refining Corp. - Indianapolis	43,200	0	45,000	0	15,000	0	18,000	0	[2]10,000	0	[6]5,000	[4]16,000	4,200	4,800	0	0	0	0
Total	468,700	133,600	498,800	138,187	262,200	20,000	215,000	11,000	123,500	0	50,000	203,160	33,900	56,425	15,500	6,400	1	1,200
Kansas																		
CRA, Inc. - Coffeyville	56,500	0	60,723	0	19,500	[1]13,000	23,000	1,500	[2]10,000	0	0	[3]4,500 [5]19,800	6,000	0	0	2,500	0	600
- Phillipsburg	26,400	0	27,460	0	10,000	0	8,500	800	[2]5,300	0	0	[5]7,500	2,300	2,000	0	0	0	0
Derby Refining Co. - North Wichita	27,982	0	29,450	0	9,860	[1]5,000	11,200	2,000	[2]6,500	0	0	[5]6,500	2,800	0	0	0	0	170
E-Z Serv Refining Inc. - Shallow Water	0	9,500	0	10,250	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Getty Refining & Marketing Co. - El Dorado	80,577	0	82,000	0	27,000	[1]11,500	31,000	17,000	[2]25,000	0	[10]40,000	[5]28,000	10,000	0	1,445	0	0	610
Mid-America Refining Co. Inc. - Chanute	0	3,000	0	3,500	1,800	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobil Oil Corp. - Augusta	50,000	0	54,500	0	18,300	[7]4,100	22,100	2,000	[2]12,500	0	0	[5]12,000	3,400	8,000	0	0	0	0
National Cooperative Refinery Association Inc. - McPherson	54,000	0	57,000	0	18,000	[1]17,000	20,000	1,000	[2]11,000	0	0	[5]11,000	6,000	0	[12]2,000 [9]7,500	0	0	425
Pester Refining Co. - El Dorado	35,000	0	36,800	0	7,900	0	14,500	1,200	[2]6,400	0	0	[3]1,170 [5]5,330	3,200	3,400	0	0	0	0
Phillips Petroleum Co. - Kansas City	80,000	0	86,000	0	23,500	0	33,500	16,700	[2]21,000	0	0	[3]32,000 [5]30,000	9,500	6,200	0	2,900	0	0
Total Petroleum Inc. - Arkansas City	42,500	0	47,200	0	6,000	0	18,000	0	[2]16,300	3,190	0	0	5,500	2,800	0	0	0	0
Total	452,959	12,500	481,133	13,750	141,860	50,600	181,800	42,200	114,000	3,190	40,000	157,800	48,700	22,400	10,945	5,400	0	1,805
Kentucky																		
Ashland Oil Inc. - Catlettsburg	213,400	0	220,000	0	87,500	[6]2,600	62,000	0	[2]45,500	0	[10]40,000 [3]40,000 [6]11,000	[5]45,500 [6]4,000	16,000	25,000	5,500 [12]5,000 [9]12,000	7,900	20	0
- Louisville	25,200	0	26,000	0	13,000	0	9,500	0	[2]2,500	0	0	[5]2,500	0	3,500	0	0	0	0
Kentucky Oil & Refining Co. - Betsy Lane	0	3,000	0	3,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Somerset Refinery Inc. - Somerset	5,500	0	6,300	0	0	0	0	0	[14]1,000	0	0	[5]1,200	0	0	0	0	0	0
Total	244,100	3,000	252,300	3,500	100,500	2,600	71,500	0	49,000	0	91,000	53,200	16,000	28,500	22,500	7,900	20	0

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity						Charge Capacity (Barrels per Stream Day)						Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Louisiana Inland																		
Atlas Processing Co. - Shreveport	45,000	0	48,500	0	8,500	0	0	0	[14]5,000 [2]10,000	0	[10]3,400	[5]15,000 [6]4,800	0	600	3,500	2,900	0	0
Bayou State Oil Corp. - Hosston	0	3,000	0	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calumet Refining Co. - Princeton	3,500	2,031	4,000	2,400	3,280	0	0	0	0	0	0	0	0	815	0	5,992	0	0
Claiborne Gasoline Co. - Lisbon	6,500	0	6,700	0	0	0	0	0	[14]2,000	0	0	0	0	0	0	0	0	0
Cotton Valley Solvents Co. - Cotton Valley	7,800	0	8,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerr-McGee Corp. - Dubach	10,780	0	11,000	0	0	0	0	0	[14]3,480	0	0	0	0	0	0	0	0	0
Port Petroleum Inc. - Stonewall	1,800	1,400	2,250	1,750	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schulze Processing Inc. - Tallulah	0	1,760	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	75,380	8,191	80,950	10,150	11,780	0	0	0	20,480	0	3,400	19,800	0	1,415	3,500	8,892	0	0
Louisiana Gulf																		
Canal Refining Co. - Church Point	8,000	0	8,800	0	0	0	0	0	[14]1,600	0	0	0	0	0	0	0	0	0
Cities Service Co. - Lake Charles	297,000	23,000	305,000	25,000	83,000	[1]28,000	150,000	0	[2]46,000	0	[3]40,000	[3]14,000 [5]46,000	33,000	0	2,300	7,000	0	1,000
Conoco Inc.																		
- Egan	1,500	5,000	1,833	7,334	0	[6]11,000	0	0	0	0	0	0	0	0	0	0	0	0
- Westlake	156,500	0	164,000	0	39,000	[7]7,000 [1]8,500	30,600	0	[2]21,000	0	0	[3]27,000 [5]20,000 [6]18,000	4,500	0	0	0	0	580
CPI Oil & Refining Inc. (formerly Calcasieu Refining Ltd.) - Lake Charles	14,000	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Evangeline Refining Co. Inc. - Jennings	4,500	0	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exxon Co. U.S.A. - Baton Rouge	474,000	19,000	499,000	21,000	225,000	[1]68,000	160,000	0	[2]100,000	25,000	0	[4]3,600 [3]70,000 [5]115,000 [6]23,500	29,800	28,900	0	17,400	0	3,300
GHR Energy Corp. (formerly Good Hope Refineries Inc. - Good Hope	100,000	0	105,000	0	240,000	[8]90,000	75,000	0	[2]4,000	0	0	[5]4,000	7,000	0	3,000	0	0	0
Gulf Oil Corp. - Belle Chasse	198,900	0	205,000	0	73,000	16,000	89,000	2,300	[2]40,000	0	0	[3]40,000 [5]42,000	28,400	0	0	0	0	840

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[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Louisiana Gulf (continued)																		
Hill Petroleum Co. - Krotz Springs	0	57,400	0	61,721	0	0	0	0	[14]12,000	0	0	0	0	0	0	0	0	0
International Processors - St. Rose	28,600	0	30,000	0	14,000	0	0	0	0	0	0	0	0	0	0	0	0	0
La Jet Inc. - St. James	20,000	0	21,500	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Charles Refining Co. - Lake Charles	0	28,000	0	30,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mallard Resources Inc. - Gueydon	7,400	0	8,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marathon Oil Co. - Garyville	255,000	0	263,000	0	125,000	0	75,000	14,000	[2]50,000	0	[10]58,000 [3]35,500	[5]50,000	20,000	25,000	[12]7,000	0	0	0
McTan Corp. (formerly Bruin Refining Inc.) - St. James	0	19,300	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt. Airy Refining Co. - Mt. Airy	23,000	0	25,000	0	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Murphy Oil Corp. - Meraux	90,200	0	92,500	0	40,000	0	35,300	3,000	[2]21,000	0	0	[3]15,000 [5]26,000	9,100	0	0	0	0	0
Placid Refining Co. - Port Allen	40,000	0	50,000	0	20,000	0	16,500	1,000	[2]5,500	0	0	0	3,400	0	0	0	0	0
Shell Oil Co. - Norco	218,000	39,000	225,000	40,000	90,000	[1]18,400 [6]113,200	100,000	2,000	[14]28,000 [2]18,000	27,700	0	[4]29,000 [3]70,000 [6]53,000	13,500	0	0	0	51	860
Shepard Oil Co. - Jennings	0	10,000	0	10,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Slapco - Mermentau	13,500	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sooner Refining Co. - Darrow	8,000	0	10,000	0	0	0	0	0	0	0	[11]2,800 [3]28,000 [6]1,400	0	0	0	0	0	0	0
T & S Refining Inc. - Jennings	0	10,500	0	11,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tenneco Oil Co. - Chalmette	114,000	0	123,000	0	28,500	[1]9,000	22,500	0	[14]16,000 [2]28,000	19,000	0	[3]18,000	5,000	0	7,000	0	22	350
Texaco Inc. - Convent	140,000	0	147,000	0	37,000	[8]12,000	70,000	20,000	[2]30,000	0	0	[3]75,000 [5]30,000	12,500	0	0	0	0	0
Total	2,212,100	211,200	2,318,633	227,055	1,044,500	381,100	823,900	42,300	421,100	71,700	140,500	789,100	166,200	53,900	19,300	24,400	73	6,930
Maryland																		
Amoco Oil Co. - Baltimore	15,000	0	16,000	0	0	0	0	0	0	0	0	0	0	11,500	0	0	0	0
Chevron U.S.A. Inc. - Baltimore	0	14,200	0	15,000	13,800	0	0	0	0	0	0	0	0	11,300	0	0	0	0
Total	15,000	14,200	16,000	15,000	13,800	0	0	0	0	0	0	0	0	22,800	0	0	0	0

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
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[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Michigan																		
Crysta Refining Co. - Carson City	3,000	0	6,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakeside Refining Co. - Kalamazoo	5,600	0	5,600	0	0	0	0	0	[14]2,000	0	0	0	0	0	0	0	0	0
Marathon Oil Co. - Detroit	68,500	0	71,000	0	26,000	0	27,000	1,300	[2]17,000	0	[10]12,500	[5]17,500	4,000	8,650	0	0	0	0
Texas American Petrochemicals Inc. - West Branch	0	11,500	0	12,500	0	0	0	0	[14]2,000	0	0	[3]1,200	0	0	0	0	0	0
Total Petroleum Inc. - Alma	40,000	0	42,000	0	0	0	18,000	0	[2]14,000	0	[11]3,800 [3]1,400	0	3,500	0	0	0	0	0
Total	117,100	11,500	124,800	12,500	26,000	0	45,000	1,300	35,000	0	17,700	18,700	7,500	8,650	0	0	0	0
Minnesota																		
Ashland Oil Inc. - St. Paul Park	67,143	0	69,220	0	32,000	0	22,000	0	[2]12,500	0	[10]20,000 [3]6,000	[5]12,500	5,900	14,000	[9]7,500	0	0	0
Koch Refining Co. - Rosemount	127,300	0	131,905	0	78,000	[1]24,000	53,800	0	[14]13,000 [2]20,000	0	[10]47,500 [3]42,500	0	8,400	20,000	0	0	14	1,250
Total	194,443	0	201,125	0	110,000	24,000*	75,800	0	45,500	0	116,000	12,500	14,300	34,000	7,500	0	14	1,250
Mississippi																		
Amerada Hess Corp. - Purvis	30,000	0	30,000	0	20,000	[13]7,000	18,000	0	[2]5,800	0	0	[3]4,500 [5]5,800	3,500	0	0	0	0	250
Chevron U.S.A. Inc. - Pascagoula	280,000	0	300,000	0	148,000	0	56,000	2,000	[2]90,000	68,000	[10]26,000 [3]78,000	0	9,200	0	6,000	0	109	0
Ergon Refining Inc. - Vicksburg	20,600	0	22,118	0	12,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Natchez Refining Co. - Natchez	0	16,000	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southland Oil Co. - Lumberton	5,800	0	6,500	0	0	0	0	0	0	0	0	0	0	3,445	0	0	0	0
- Sandersville	11,000	0	12,500	0	6,875	0	0	0	0	0	0	0	0	5,250	0	0	0	0
Vicksburg Refining Inc. - Vicksburg	7,900	0	8,441	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	355,300	16,000	379,559	20,000	186,875	7,000	74,000	2,000	95,800	68,000	104,000	10,300	12,700	8,695	6,000	0	109	250

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity							Charge Capacity (Barrels per Stream Day)					Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydro-cracking	Catalytic Hydro-refining	Catalytic Hydro-treating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Missouri																		
Amoco Oil Co. - Sugar Creek	104,000	0	111,000	0	40,000	[1]14,000	42,000	12,000	[14]16,000	0	0	[4]2,500 [3]38,000 [5]21,000	5,000	6,500	0	0	0	800
Montana																		
Conoco Inc. - Billings	52,500	0	56,000	0	17,000	0	15,000	450	[2]14,400	0	[3]3,500	[4]39,000	3,800	4,800	[12]2,400	0	0	0
Exxon Co. U.S.A. - Billings	45,000	0	46,000	0	18,000	[13]7,800	21,000	10,000	[14]14,500	4,900	0	[4]15,500 [3]20,000	3,400	3,000	0	0	17	310
Farmers Union Central Exchange Inc. - Laurel	33,650	7,800	34,500	8,000	0	0	13,500	1,500	[2]12,000	0	0	[4]4,000 [3]15,000 [5]14,000	3,780	0	[12]1,250	0	0	0
Flying J Inc. - Cut Bank	4,400	0	5,000	0	0	[7]900	0	0	[2]2,200	0	0	[4]1,500 [3]1,200	0	0	[12]500	0	0	0
Kenco Refining Inc. - Wolf Point	4,700	0	4,850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simmons Oil Co. (formerly Phillips Petroleum Co.) - Great Falls	6,000	0	6,300	0	2,100	0	2,100	500	[2]1,000	0	0	[3]1,250 [5]1,000	0	1,000	0	0	0	0
Total	146,250	7,800	152,650	8,000	37,100	8,700	51,600	12,450	44,100	4,900	3,500	112,450	10,980	8,800	4,150	0	17	310
Nebraska																		
CRA, Inc. - Scottsbluff	5,600	0	6,170	0	2,400	0	0	500	0	0	[14]750	0	0	0	0	0	0	0
Nevada																		
Nevada Refining Co. - Tonopah	4,180	0	4,500	0	2,400	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey																		
Amerada Hess Corp. - Port Reading	0	68,000	0	70,000	30,000	0	35,000	0	[2]7,000	0	0	[5]7,000	3,000	0	0	0	0	0
Chevron U.S.A. Inc. - Perth Amboy	168,000	0	180,000	0	96,000	0	33,000	8,000	[2]39,000	0 0	[3]60,000 [6]20,000	[5]39,000	3,000	50,000	0	0	0	0
Exxon Co U.S.A - Linden	200,000	65,000	210,000	70,000	155,000	0	120,000	25,000	[14]17,000 [2]25,000	0	[10]50,000	[4]23,000 [3]94,000 [5]42,000	8,500	48,000	[9]28,000	0	0	0
Mobil Oil Corp. - Paulsboro	99,700	0	102,200	0	62,000	[1]21,500	34,000	0	[2]23,500	0	0	[3]33,000 [5]23,500 [6]6,100	1,300	0	0	7,700	0	975

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
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[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
New Jersey (continued)																		
Seaview Petroleum Co. - Paulsboro	44,400	0	47,700	0	34,700	0	0	0	0	0	0	0	0	3,800	0	3,200	0	0
Texaco Inc. - Westville	90,000	0	95,000	0	31,000	[8]13,000	40,000	12,000	[2]13,000	0	0	[3]16,000 [5]31,000	3,000	0	0	0	0	0
Total	602,100	133,000	634,900	140,000	408,700	34,500	262,000	45,000	124,500	0	130,000	314,600	18,800	101,800	28,000	10,900	0	975
New Mexico																		
Caribou-Four Corners Oil Co. - Farmington	2,400	0	2,500	0	0	0	0	0	[2]1,200	0	0	0	0	0	0	0	0	0
Giant Industries Inc. - Farmington	13,500	0	14,516	0	0	0	0	0	[14]5,000	0	0	0	0	0	0	0	0	0
Navajo Refining Co. - Artesia	E29,930	0	E31,200	0	E4,500	E[8]1,500	E14,500	E400	E[14]1,900 E [2]6,000	0	0	E[4]10,000 E [3]4,400	E2,000	E2,400	0	0	0	0
Plateau Inc. - Bloomfield	16,800	0	18,100	0	0	0	5,400	0	[2]2,250	0	0	[4]2,250	0	0	0	0	0	0
Shell Oil Co. - Gallup	18,000	0	19,000	0	7,900	0	7,200	3,600	[2]6,800	0	0	[4]6,800	1,400	700	0	0	0	0
Southern Union Refining Co. - Lovington	E36,100	0	E38,000	0	E10,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Thriftway Oil Co. - Bloomfield	1,194	0	6,100	0	0	0	0	0	0	0	0	[5]2,500	0	0	0	0	0	0
Total	117,924	0	129,416	0	22,400	1,500	27,100	4,000	23,150	0	0	25,950	3,400	3,100	0	0	0	0
New York																		
Ashland Oil Inc. - Buffalo	64,000	0	66,000	0	28,000	0	22,000	0	[2]11,000	0	[10]14,000 [3]1,200	[5]11,000	2,000	5,500	2,200 [9]4,000	0	0	0
Cibro Petroleum Products Inc. - Albany	33,900	0	40,000	0	27,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	97,900	0	106,000	0	55,000	0	22,000	0	11,000	0	15,200	11,000	2,000	5,500	6,200	0	0	0
North Dakota																		
Amoco Oil Co. - Mandan	56,000	0	58,000	0	0	0	26,000	5,200	[2]10,000	0	0	[4]4,000 [5]11,000	2,800	0	[9]4,000	0	0	0
Flying J Inc. - Williston	4,250	0	5,600	0	0	0	0	0	[14]1,000	0	0	[3]900 [5]1,100	0	0	0	0	0	0
Northland Oil & Refining Co. - Dickinson	0	5,000	0	5,250	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	60,250	5,000	63,600	5,250	0	0	26,000	5,200	11,000	0	0	17,000	2,800	0	4,000	0	0	0

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[1] Delayed Coking
[2] Bi-Metallic
E - Estimated
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[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity					Charge Capacity (Barrels per Stream Day)							Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydro-cracking	Catalytic Hydro-refining	Catalytic Hydro-treating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Ohio East																		
Ashland Oil Inc. - Canton	66,000	0	68,000	0	35,000	0	26,000	0	[2]20,000	0	[10]24,000 [3]7,500	[5]20,000	7,000	5,500	0	0	0	0
Ohio West																		
Ashland Oil Inc. - Findlay	20,400	0	21,000	0	12,000	0	0	0	0	0	0	0	0	6,500	0	0	0	0
Gulf Oil Corp. - Cleves	43,700	0	45,000	0	14,000	0	18,000	2,000	0	11,000	0	[3]6,000 [5]11,000	6,000	3,300	0	0	0	0
Standard Oil Co. of Ohio																		
- Lima	168,000	0	177,000	0	51,000	[1]16,200	37,700	7,800	[2]47,000	2,000	0	[4]59,000	0	0	0	2,400	0	640
- Toledo	120,000	0	126,000	0	68,000	[1]11,200	55,000	16,500	[14]23,000 [2]17,700	35,000	0	[4]37,000	11,300	7,000	0	0	24	660
Sun Co. Inc. - Toledo	125,000	0	130,000	0	22,000	0	50,000	7,500	[2]41,000	26,000	0	[4]27,500	7,000	0	8,500	0	0	0
Total	477,100	0	499,000	0	167,000	27,400	160,700	33,800	128,700	74,000	0	140,500	24,300	16,800	8,500	2,400	24	1,300
Oklahoma																		
Allied Materials Corp. - Stroud	7,200	0	7,500	0	0	0	0	0	0	0	0	0	0	1,988	0	836	0	0
Champlin Petroleum Co. - Enid	53,800	0	56,000	0	16,500	[1]7,000	20,000	0	[2]15,000	0	0	0	4,500	0	[9]6,000	0	0	260
Conoco Inc. - Ponca City	118,300	15,400	122,000	16,000	40,000	[1]20,500	45,000	0	[2]33,000	0	0	[3]11,000 [5]33,000	9,700	0	[12]3,000	2,000	0	750
Hudson Refining Co. Inc. - Cushing	19,000	0	19,600	0	0	[1]800	7,500	0	[14]4,650	0	0	0	2,400	0	0	0	0	80
Kerr-McGee Corp. - Wynnewood	43,000	0	45,000	0	13,000	0	20,000	0	[2]8,500	0	[10]6,000	[5]9,000 [6]6,000	5,000	5,000	0	0	9	0
Oklahoma Refining Co. - Cyril	15,600	0	15,800	0	5,400	0	7,000	1,000	[2]1,150	0	0	[5]1,000	1,600	1,670	0	16	0	0
- Thomas (formerly Petref Oil Co.)	10,700	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okmulgee Refining Co. (formerly Basin Refining Inc.) - Okmulgee	0	25,000	0	26,000	3,200	0	8,000	2,000	0	0	0	0	1,500	1,800	0	0	0	0
Sun Co. Inc. - Tulsa	88,500	0	90,000	0	31,500	[8]8,000	30,000	1,400	[2]23,000	0	0	[4]24,000 [6]8,800	8,600	4,800	3,500 [12]2,300	7,800	0	300
Texaco Inc. - West Tulsa	50,000	0	52,000	0	15,000	[7]6,000	18,000	5,000	[2]20,000	0	0	[3]5,000 [5]20,000	3,000	2,500	[12]500	0	0	0
Tonkawa Refining Co. - Arnett	11,000	0	12,000	0	0	0	0	0	[2]1,500	0	0	0	0	0	0	0	0	0
Tosco Corp. - Duncan	47,000	0	48,500	0	32,000	[1]12,500	28,000	7,000	[2]8,000	0	0	[5]8,500	6,000	0	0	0	0	500
Total Petroleum Inc. - Ardmore	62,000	0	64,500	0	32,000	0	22,500	0	[14]12,000	0	[10]20,000	0	6,500	0	0	0	0	0
Total	526,100	40,400	543,900	42,000	188,600	54,800	206,000	16,400	126,800	0	26,000	126,300	48,800	17,758	15,300	10,652	9	1,890

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity: Barrels per Calendar Day		Crude Capacity: Barrels per Stream Day		Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Oregon																		
Chevron U.S.A. Inc. - Portland	0	15,000	0	16,000	16,000	0	0	0	0	0	0	0	0	12,500	0	0	0	0
Pennsylvania East																		
Atlantic Richfield Co. - Philadelphia	125,000	0	130,000	0	83,000	0	29,000	0	[2]60,000	30,000	[10]24,000	[3]50,000 [5]54,000	0	25,000	0	0	45	0
BP Oil Corp. - Marcus Hook	164,000	0	177,000	0	85,000	0	48,000	1,600	[2]50,000	25,000	[11]48,000 [10]41,000	[4]64,000	8,200	0	0	1,500	0	0
Gulf Oil Corp. - Philadelphia	174,100	0	180,000	0	80,000	0	79,300	6,500	[2]34,000	0	0	[3]60,000 [5]34,000	20,000	0	0	0	0	0
Sun Co. Inc. - Marcus Hook	165,000	0	180,000	0	48,000	0	75,000	15,000	[14]13,000 [2]31,200	0	0	[4]55,000 [3]13,000 [6]10,000	12,000	0	5,300	16,500	0	0
Total	628,100	0	667,000	0	296,000	0	231,300	23,100	188,200	55,000	113,000	340,000	40,200	25,000	5,300	18,000	45	0
Pennsylvania West																		
Ashland Oil Inc. - Freedom	6,800	0	7,000	0	3,500	0	0	0	0	0	0	0	0	0	0	1,400	0	0
Coral Petroleum Inc. (formerly United Refining Co.) - Warren	41,000	0	43,000	0	25,000	0	18,000	200	[2]16,000	0	0	[3]1,500 [5]20,000	2,500	5,000	0	0	0	0
Pennzoil Co. - Rouseville	14,600	0	15,600	0	5,500	0	0	0	[2]3,600	0	0	[5]4,500 [6]7,800	0	0	0	4,560	4	0
Quaker State Oil Refining Corp. - Emlenton	0	0	0	0	1,580	0	0	0	[2]800	0	0	0	0	0	0	800	0	0
- Smethport	6,700	0	7,000	0	2,600	0	0	0	[2]2,300	0	0	[4]2,500	0	0	0	2,220	0	0
Witco Chemical Corp. - Bradford	6,841	0	7,500	0	0	0	0	0	[2]2,000	0	0	[4]2,500	0	0	0	3,000	0	0
Total	75,941	0	80,100	0	38,180	0	18,000	200	24,700	0	0	38,800	2,500	5,000	0	11,980	4	0
Tennessee																		
Delta Refining Co. - Memphis	49,500	0	49,900	0	12,000	0	30,000	12,000	[2]9,300	0	0	[4]4,200 [3]16,000 [5]9,300	3,500	3,500	0	0	0	0
Texas Inland																		
American Petrofina Co. of Texas - Big Spring	60,000	0	65,000	0	25,000	[6]10,000	23,000	0	20,000	0	0	[3]15,000 [5]23,000	6,000	5,000	0	0	0	0

[1] Delayed Coking
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[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Texas Inland (continued)																		
Chevron U.S.A. Inc. - El Paso	76,000	0	78,000	0	26,000	0	22,000	0	[2]25,000	0	0	[3]18,000 [5]25,000	5,000	5,000	[12]2,000	0	0	0
Clinton Manges - Palestine	0	6,000	0	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diamond Shamrock Corp. - Sunray	71,100	0	76,400	0	20,000	[7]4,000	40,000	0	[2]15,500	0	0	[5]20,500	9,000	3,000	[12]1,500	0	0	0
Dorchester Refining Co. - White Deer	0	0	0	0	0	0	0	0	[14]1,000	0	0	0	0	0	0	0	0	0
- Mount Pleasant	24,000	0	28,500	0	14,000	0	9,600	2,200	[2]3,500	0	0	[3]6,000 [5]3,500	2,200	9,000	0	0	0	0
E-Z Serv Refining Inc. (formerly Winston Refining Co.) - Fort Worth	20,000	0	20,500	0	3,500	0	3,600	2,600	[14]1,700 [2]3,500	0	0	[4]6,400	300	0	0	0	0	0
Eagle Refining Corp. - Jacksboro	0	1,800	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flint Chemical Co. - San Antonio	1,500	0	1,550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Howell Hydrocarbons Inc. - San Antonio	4,500	0	10,000	0	0	0	0	0	[14]1,200	0	0	0	0	0	700	0	0	0
La Gloria Oil & Gas Co. - Tyler	46,000	0	49,500	0	14,000	[1]9,300	15,000	0	[2]20,000	0	0	[5]20,000	4,700	0	0	0	20	270
Liquid Energy Corp. - Bridgeport	10,000	0	10,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Listo Refining Co. (formerly Rancho Refining Co. Inc.) - Donna	3,500	0	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Longview Refining Co. - Longview	0	14,000	0	15,000	4,000	0	0	0	[2]4,000	0	0	[4]4,000 [3]2,000	0	0	[9]2,000	0	0	0
Petrolite Corp. - Kilgore	1,000	0	1,400	0	475	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Petroleum Co. - Borger	95,000	0	100,000	0	0	0	52,000	10,400	[14]7,000 [2]19,000	0	0	[3]40,000 [5]26,500	16,800	0	3,060 [12]8,100 [9]24,600	0	0	0
Pioneer Refining Ltd. - Nixon	13,000	5,000	16,000	5,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pride Refining Inc. -Abilene	33,000	0	45,000	0	10,000	0	0	0	0	0	0	0	0	0	[12]2,000	0	0	0
Quitman Refining Co. - Quitman	6,600	0	7,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shell Oil Co. - Odessa	30,600	0	33,500	0	10,000	0	10,500	5,500	[14]11,000	0	0	[4]11,000	3,000	0	1,050	0	0	0
Shore Inc. - Kilgore	450	0	550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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[4] Naphthas
[5] Reformer Feeds
[6] Other
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[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity: Barrels per Calendar Day: Operating	Crude Capacity: Barrels per Calendar Day: Idle	Crude Capacity: Barrels per Stream Day: Operating	Crude Capacity: Barrels per Stream Day: Idle	Charge Capacity (Barrels per Stream Day): Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Production Capacity (Barrels per Stream Day): Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Texas Inland (continued)																		
Sigmor Refining Corp. - Three Rivers	32,000	0	40,000	0	20,000	0	17,000	0	[2]8,500	0	0	0	7,000	0	0	0	0	0
TARCO - Euless	0	6,000	0	6,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tesoro Petroleum Corp. - Carrizo Springs	26,100	0	28,000	0	0	0	0	0	[2]3,500	0	0	0	0	0	0	0	0	0
Texaco Inc.																		
- Amarillo	20,000	0	21,000	0	0	[1]4,000	8,000	2,400	[2]5,000	0	0	[5]5,000	1,500	0	0	0	0	100
- El Paso	17,000	0	18,000	0	0	[1]4,000	7,000	2,000	[2]3,500	0	0	[5]3,500	1,500	0	[12]600	0	0	100
Thriftway Oil Co. - Graham	0	1,184	0	2,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wickett Refining Co. - Wickett	0	8,000	0	8,450	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	591,350	41,984	655,800	49,850	146,975	31,300	207,700	25,100	152,900	0	0	229,400	57,000	22,000	45,610	0	20	470
Texas Gulf																		
American Petrofina Co. of Texas - Port Arthur	90,000	0	100,000	0	40,000	[8]11,500	34,000	2,000	[14]8,000 [2]17,000	0	0	[3]34,000	3,000	0	4,600	0	0	0
Amoco Oil Co. - Texas City	415,000	0	432,000	0	195,000	[1]33,500	194,000	43,000	[2]144,000	42,000	0	[4]152,000 [3]50,000	31,000	5,300	45,000	0	180	1,500
Atlantic Richfield Co. - Houston	222,000	0	232,000	0	110,000	[1]35,000	78,000	0	[14]25,000 [2]43,000	0	[10]44,000 [6]6,600	[4]8,000 [3]88,000 [5]68,000 [6]37,000	9,000	0	11,600	6,400	0	2,000
Brio Refining Inc. (formerly Friendswood Refining Co.) - Friendswood	12,500	0	14,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bronco Refining Co. - Houston	0	2,250	0	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Champlin Petroleum Co. - Corpus Christi	155,000	15,000	158,000	17,000	12,000	0	69,000	0	[14]6,300 [2]25,200	0	[10]58,000 [3]27,000 [6]6,800	0	17,600	0	7,000	0	0	0
Charter International Oil Co. - Houston	65,000	0	70,000	0	23,000	[8]7,500	46,000	0	[14]13,500	0	[3]24,000	0	5,000	2,100	2,100	0	0	0
Coastal States Petroleum Co. - Corpus Christi	92,000	69,000	90,000	75,000	63,000	[1]12,500	20,000	20,500	[14]14,000 [2]20,000	0	[10]25,000 [3]12,000 [6]12,000	[4]22,000 [5]37,000	2,500	2,000	11,000	0	15	650
Conoco Inc. (formerly Monsanto Co.) - Alvin/Texas City	E37,194	0	E39,000	0	0	E[6]32,500	0	0	0	0	0	0	0	0	E4,900	0	0	0
Copano Refining Co. - Ingleside	0	11,100	0	11,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crown Central Petroleum Corp. - Pasadena	100,000	0	103,000	0	38,000	[1]9,500	50,000	0	[2]36,000	0	0	0	10,000	0	2,000	0	0	250

[1]Delayed Coking
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[6]Other
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[8]Visbreaking
[9]C^5 and C^6
[10]Heavy Gas Oil
[11]Residual
[12]C^4
[13]Fluid Coking
[14]Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity						Charge Capacity (Barrels per Stream Day)						Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Texas Gulf (continued)																		
Dow Chemical U.S.A. - Freeport	0	190,000	0	210,000	0	0	0	0	0	0	[11]63,000 [3]80,000	0	0	0	0	0	65	0
Eddy Refining Co. - Houston	3,250	0	3,500	0	0	0	0	0	[2]1,500	0	0	0	0	0	0	0	0	0
Exxon Co. U.S.A. - Baytown	540,000	100,000	564,000	104,000	190,000	[13]26,000	170,000	15,000	[14]84,000 [2]65,000	19,000	[11]85,000 [3]45,000 [6]78,000	[3]197,000 [5]175,000 [6]50,100	30,000	12,000	0	34,300	75	1,000
Gulf Oil Corp. - Port Arthur	281,700	53,300	290,000	54,000	160,900	[1]30,000	110,000	6,000	[2]109,500	17,000	0	[3]65,000 [5]109,500	20,000	0	[9]7,200	13,900	0	1,390
Gulf States Oil & Refining Co. - Corpus Christi	38,000	0	40,000	0	16,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Independent Refining Corp.																		
- Port Neches (formerly Erickson Refining Corp.)	0	30,000	0	45,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Winnie	0	50,000	0	61,000	20,000	[8]6,000	0	0	[2]16,000	3,000	0	[5]18,000	0	0	300	0	0	0
Koch Refining Co. (formerly Sun Co. Inc.) - Corpus Christi	57,000	0	65,000	0	12,000	[1]7,500	26,200	1,500	[14]22,000	0	0	[4]12,500	6,000	0	6,300	0	0	160
Marathon Oil Co. - Texas City	49,000	20,500	50,000	22,000	28,000	0	38,000	1,000	[14]8,000	0	0	0	11,000	0	2,500	0	0	0
Mobil Oil Corp. - Beaumont	277,400	57,600	285,000	60,000	103,000	[1]29,500	100,500	0	[2]102,000	32,000	0	[3]116,000 [5]92,000 [6]5,400	12,700	0	[9]20,000	9,400	60	1,200
Petraco-Valley Oil & Refining Co. - Brownsville	0	12,300	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Petroleum Co. - Sweeny	175,000	0	195,000	0	88,000	[8]8,000	87,000	7,700	[2]36,000	0	[11]75,000	[3]50,000 [5]54,500	10,500	0	10,355 [9]16,900	0	80	0
Placid Refining Co. - Mont Belvieu	8,500	0	13,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quintana Petrochemical Co. (formerly Nueces Petrochemical Co.) - Corpus Christi	33,300	0	34,000	0	8,000	0	0	0	[2]18,000	8,000	0	[5]17,000	6,500	0	3,000	0	29	0
Rio Grande Crude Refining (formerly Gulf Energy Refining Corp.) - Brownsville	0	9,500	0	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rio Grande Recovery Systems Inc. (formerly Val Verde International) - Brownsville	0	1,000	0	1,750	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saber Refining Co. - Corpus Christi	0	19,000	0	21,000	24,000	0	0	0	0	0	0	0	0	0	[12]12,000	0	0	0
Sentry Refining Inc. - Corpus Christi	25,000	0	30,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] Delayed Coking
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[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Texas Gulf (continued)																		
Shell Oil Co. - Deer Park	285,000	0	310,000	0	126,000	[7]120,000 [6]20,000	70,000	10,000	[14]40,000 [2]15,000	0	0	[4]71,000 [3]135,000 [6]102,000	7,000	4,200	20,800	8,400	33	0
South Hampton Co. - Silsbee	18,100	0	22,500	0	20,000	[8]4,000	0	0	[2]4,000	0	0	0	0	0	300	0	0	0
Southwestern Refining Co. Inc. - Corpus Christi	104,000	0	108,000	0	36,000	0	47,000	700	[2]30,000	0	[10]18,000	[3]27,000 [5]40,000	4,000	0	6,500	0	0	0
Texaco Inc. - Port Arthur	402,000	0	425,000	0	136,000	[7]18,000	135,000	40,500	[2]60,000	15,000	0	[3]62,000 [5]60,000 [6]18,000	13,000	0	5,500	20,000	0	0
- Port Neches	31,000	0	32,000	0	26,000	0	0	0	0	0	0	0	0	9,000	0	0	0	0
Texas City Refining Inc. - Texas City	86,480	33,120	94,000	36,000	49,000	[8]19,000	38,400	0	[14]12,000 [2]11,000	0	0	[4]23,000	6,600	0	0	0	0	0
Texas Independent Corp. (formerly Uni Refining Inc.) - Ingleside	0	30,000	0	39,000	20,000	[8]6,000	0	0	0	0	0	0	0	0	0	0	0	0
Tipperary Refining Co. - Ingleside	7,320	0	10,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union Oil Co. of California - Nederland	120,000	[illegible]	126,300	0	43,000	0	38,000	4,000	[14]14,000 [2]20,000	0	0	[4]11,200 [5]34,000 [6]9,000	4,200	1,800	4,700	2,900	0	0
Total	3,730,744	703,670	3,946,000	784,950	1,646,900	436,000	1,351,100	151,900	1,020,000	136,000	659,400	2,250,200	209,600	36,400	204,555	95,300	537	8,150
Utah																		
Amoco Oil Co. - Salt Lake City	39,000	0	41,500	0	0	0	18,000	4,000	[2]6,000	0	0	[5]6,000	3,750	3,000	[12]3,000	0	0	0
Caribou-Four Corners Oil Co. - Woods Cross	3,000	4,200	4,000	4,300	2,000	0	0	0	[2]2,200	1,200	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc. - Salt Lake City	45,000	0	46,000	0	35,500	[1]8,500	18,000	1,000	[2]5,500	0	0	[3]5,500 [5]5,500	4,300	0	[12]750	0	0	350
Husky Oil Co. - North Salt Lake	25,000	0	26,000	0	3,800	0	4,400	2,500	[2]5,000	0	0	[4]6,000	1,000	0	0	0	0	0
Morrison Petroleum Co. - Woods Cross	6,300	0	6,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Petroleum Co. - Woods Cross	24,000	0	25,000	0	3,200	0	8,400	2,600	[2]4,700	0	0	[3]1,600 [5]11,000	2,100	1,700	0	0	0	0
Plateau Inc. - Roosevelt	7,500	0	8,500	0	0	0	5,200	0	0	0	0	0	600	0	0	0	0	0
Western Refining Co. - Woods Cross	12,500	[illegible]	13,500	0	2,500	0	0	0	[2]3,000	0	0	0	0	0	0	0	0	0
Total	162,300	4,200	171,000	4,300	47,000	8,500	54,000	10,100	26,400	1,200	0	35,600	11,750	4,700	3,750	0	0	350
Virginia																		
Amoco Oil Co. - Yorktown	53,000	0	55,000	0	29,000	[1]15,000	28,000	5,000	[2]9,500	0	0	[3]17,000 [5]9,500	0	0	0	0	0	875

[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity				Charge Capacity (Barrels per Stream Day)								Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day															
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
Washington																		
Atlantic Richfield Co. - Ferndale	115,000	0	120,000	0	72,000	[1]40,000	0	0	[2]43,000	46,000	0	[4]27,000 [3]12,000	0	0	0	0	68	1,800
Chevron U.S.A. Inc. - Richmond Beach	5,500	0	6,000	0	6,000	0	0	0	0	0	0	0	0	5,000	0	0	0	0
Crysen Corp. (formerly Sound Refining Inc.) - Tacoma	6,000	0	11,900	0	11,900	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobil Oil Corp. - Ferndale	71,500	0	73,500	0	20,000	0	25,500	2,000	[2]21,000	0	0	[3]21,000 [5]23,500	5,900	0	0	0	0	0
Shell Oil Co. - Anacortes	91,000	0	94,000	0	33,000	0	36,000	12,000	[14]20,000	0	0	[4]20,000 [3]21,000 [6]15,500	12,100	0	[12]2,600	0	0	0
Texaco Inc. - Anacortes	78,000	0	82,000	0	26,000	0	30,000	9,000	[2]20,000	0	0	[3]22,000 [5]20,000	6,600	0	0	0	0	0
U.S. Oil & Refining Co. - Tacoma	20,000	0	21,400	0	4,700	0	0	0	[2]6,500	0	0	[4]6,500 [3]3,800	0	0	0	0	0	0
United Independent Oil Co. - Tacoma	0	730	0	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	387,000	730	408,800	1,000	173,600	40,000	91,500	23,000	110,500	46,000	0	192,300	24,600	5,000	2,600	0	68	1,800
West Virginia																		
Elk Refining Co. - Falling Rock	5,600	0	6,100	0	0	0	0	0	[2]2,000	0	0	0	0	0	0	1,326	0	0
Quaker State Oil Refining Corp.																		
- Newell	11,700	0	12,000	0	6,000	0	0	0	[2]3,200	4,440	0	0	0	0	0	3,600	1	0
- St. Mary's	4,800	0	5,000	0	0	0	0	0	[2]1,400	0	0	0	0	0	0	1,374	0	0
Total	22,100	0	23,100	0	6,000	0	0	0	6,600	4,440	0	0	0	0	0	6,300	1	0
Wisconsin																		
Murphy Oil Corp. - Superior	39,000	0	40,000	0	15,000	0	9,500	1,000	[14]9,800	0	0	[3]6,800 [5]10,500	1,600	8,000	0	0	0	0
Wyoming																		
Amoco Oil Co. - Casper	48,000	0	49,000	0	15,500	0	13,000	1,500	[2]5,900	0	0	[5]7,100	1,300	1,550	0	1,830	0	0
C & H Refinery Inc. - Lusk	0	180	0	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Park Co. - Osage	0	10,000	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Husky Oil Co.																		
- Cheyenne	28,800	0	30,000	0	17,000	[1]9,000	12,000	4,000	[2]6,500	0	0	[3]4,500 [5]7,500	2,750	3,700	[12]1,500	0	0	540
- Cody	11,500	0	12,000	0	6,900	0	4,000	1,200	[2]1,800	0	0	[4]1,800 [3]2,100	800	4,500	0	0	0	0

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[1] Delayed Coking
[2] Bi-Metallic
E = Estimated
[3] Distillate
[4] Naphthas
[5] Reformer Feeds
[6] Other
[7] Gas Oil
[8] Visbreaking
[9] C^5 and C^6
[10] Heavy Gas Oil
[11] Residual
[12] C^4
[13] Fluid Coking
[14] Conventional

Table 5. Capacity of Petroleum Refineries by State (continued)
as of January 1, 1982

Refiner/State	Crude Capacity							Charge Capacity (Barrels per Stream Day)					Production Capacity (Barrels per Stream Day)					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrorefining	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubes	Hydrogen (MMCFD)	Coke (Short tons/day)
	Operating	Idle	Operating	Idle														
Wyoming (continued)																		
Little America Refining Co.																		
- Casper	24,500	0	25,500	0	12,000	0	10,500	5,000	[2]6,000	0	[3]3,700	0	0	4,400	0	0	0	0
- Sinclair	60,000	10,000	62,000	10,000	35,000	0	21,000	0	[14]10,000	0	0	[3]14,000 [5]10,000 [6]10,000	4,500	6,000	0	0	0	0
Mountaineer Refining Co. Inc. - La Barge	700	0	900	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0
Sage Creek Refining Co. - Cowley	1,000	0	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silver Eagle Refining Co. - La Barge	1,500	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texaco Inc. - Casper	21,000	0	22,000	0	10,500	[6]4,000	7,000	2,000	[2]4,000	0	[10]4,000	[5]4,000	0	1,500	0	0	0	125
Wyoming Refining Co. - Newcastle	12,555	0	13,500	0	0	0	4,000	3,000	[14]2,750	0	0	0	900	0	0	0	0	0
Total	209,555	20,180	218,100	25,190	97,020	13,000	71,500	16,700	36,950	0	7,700	61,000	10,250	21,650	1,500	1,830	0	665
Hawaiian Foreign Trade Zone																		
Hawaiian Independent Refinery Inc. - Ewa Beach	67,900	0	67,900	0	30,000	0	0	0	[2]13,000	12,000	0	[5]13,000	0	0	0	0	17	0
Puerto Rico																		
Commonwealth Oil Refining Co. Inc. - Penuelas	60,454	63,041	70,000	73,000	62,000	[8]20,000	40,000	4,000	[2]35,000	0	0	[3]18,000 [5]35,000	4,500	0	13,700	0	0	0
Gulf Oil Corp. - Bayamon	36,000	0	40,000	0	21,500	0	12,000	0	[2]6,500	0	0	[3]11,000 [5]6,600	0	1,000	0	0	0	0
Peerless Petrochemicals Inc. - Ponce	0	10,000	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Puerto Rico Core Inc. - Guayama	0	0	0	0	0	0	0	0	[2]52,070	0	0	[4]54,000	0	0	14,580 [12]3,500	0 0	0 0	0 0
Sun Co. Inc. - Yabucoa	86,000	0	90,000	0	48,000	0	0	0	0	15,000	0	[3]10,000	0	0	0	6,500	18	0
Total	182,454	73,041	200,000	84,000	131,500	20,000	52,000	4,000	93,570	15,000	0	134,600	4,500	1,000	31,780	6,500	18	0
Virgin Islands																		
Amerada Hess Corp. - St. Croix	585,000	115,000	585,000	115,000	190,000	0	0	0	[2]125,000	0	0	[3]165,000 [5]125,000 [6]130,000	0	0	30,000 [9]15,000	0	0	0
Guam																		
Guam Oil & Refining Corp. - Agana	43,900	0	47,160	0	1,400	0	0	0	0	0	0	0	0	350	0	0	0	0

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[1]Delayed Coking
[2]Bi-Metallic
E = Estimated
Source: Form EIA-177.

[3]Distillate
[4]Naphthas

[5]Reformer Feeds
[6]Other

[7]Gas Oil
[8]Visbreaking

[9]C^5 and C^6
[10]Heavy Gas Oil

[11]Residual
[12]C^4

[13]Fluid Coking
[14]Conventional

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982

Refiner	Barrels per Calendar Day
Companies with a Capacity More than 100,000 b/d	
Exxon Corp.	
Exxon Co. U.S.A.	
Baytown, Texas	640,000
Baton Rouge, Louisiana	493,000
Linden, New Jersey	265,000
Benicia, California	106,000
Billings, Montana	45,000
Total	1,549,000
Standard Oil Co. of California	
Chevron U.S.A. Inc.	
El Segundo, California	405,000
Richmond, California	365,000
Pascagoula, Mississippi	280,000
Perth Amboy, New Jersey	168,000
El Paso, Texas	76,000
Honolulu, Hawaii	48,000
Salt Lake City, Utah	45,000
Bakersfield, California	26,000
Kenai, Alaska	22,000
Willbridge, Oregon	15,000
Baltimore, Maryland	14,200
Richmond Beach, Washington	5,500
Total	1,469,700
Shell Oil Co.	
Deer Park, Texas	285,000
Wood River, Illinois	283,000
Norco, Louisiana	257,000
Martinez, California	104,000
Wilmington, California	93,000
Anacortes, Washington	91,000
Odessa, Texas	30,600
Gallup, New Mexico	18,000
Total	1,161,600
Standard Oil Co. of Indiana	
Amoco Oil Co.	
Texas City, Texas	415,000
Whiting, Indiana	380,000
Sugar Creek, Missouri	104,000
Mandan, North Dakota	56,000
Yorktown, Virginia	53,000
Casper, Wyoming	48,000
Salt Lake City, Utah	39,000
Savannah, Georgia	24,000
Baltimore, Maryland	15,000
Total	1,134,000
Texaco, Inc.	
Port Arthur, Texas	402,000
Convent, Louisiana	140,000
Westville, New Jersey	90,000
Lawrenceville, Illinois	84,000
Anacortes, Washington	78,000
Wilmington, California	75,000
West Tulsa, Oklahoma	50,000
Port Neches, Texas	31,000
Casper, Wyoming	21,000
Amarillo, Texas	20,000
El Paso, Texas	17,000
Total	1,008,000
Mobil Oil Corp.	
Beaumont, Texas	335,000
Joliet, Illinois	180,000
Torrance, California	123,500
Paulsboro, New Jersey	99,700
Ferndale, Washington	71,500
Augusta, Kansas	50,000
Total	859,700

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Gulf Oil Corp.	
Port Arthur, Texas	335,000
Belle Chasse, Louisiana	198,900
Philadelphia, Pennsylvania	174,100
Santa Fe Springs, California	51,500
Cleves, Ohio	43,700
Total	803,200
Atlantic Richfield Co.	
Houston, Texas	222,000
Carson, California	166,000
Philadelphia, Pennsylvania	125,000
Ferndale, Washington	115,000
North Slope, Alaska	14,200
Total	642,200
Marathon Oil Co.	
Garyville, Louisiana	255,000
Robinson, Illinois	195,000
Texas City, Texas	69,500
Detroit, Michigan	68,500
Total	588,000
Union Oil Co. of California	
Lemont, Illinois	151,000
Beaumont, Texas	120,000
Wilmington, California	108,000
Rodeo, California	70,000
Arroyo Grande, California	41,000
Total	490,000
DuPont Holdings, Inc.	
Conoco Inc.	
Alvin/Texas City, Texas[1]	37,194
West Lake, Louisiana	156,500
Ponca City, Oklahoma	133,700
Billings, Montana	52,500
Paramount, California	46,500
Denver, Colorado	32,500
Santa Maria, California	9,500
Egan, Louisiana	6,500
Total	474,894
Ashland Oil, Inc.	
St. Paul Park, Minnesota	67,143
Louisville, Kentucky	25,200
Freedom, Pennsylvania	6,800
Catlettsburg, Kentucky	213,400
Canton, Ohio	66,000
Buffalo, New York	64,000
Findlay, Ohio	20,400
Total	462,943
Standard Oil Co. of Ohio	
Lima, Ohio	168,000
Toledo, Ohio	120,000
BP Oil Corp.	
Marcus Hook, Pennsylvania	164,000
Total	452,000
Sun Co. Inc.	
Marcus Hook, Pennsylvania	165,000
Toledo, Ohio	125,000
Tulsa, Oklahoma	88,500
Total	378,500

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[1] Formerly Monsanto Co.

Table 6. Refiners' Crude Distillation Capacity as January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Phillips Petroleum Co.	
Sweeny, Texas	175,000
Borger, Texas	95,000
Kansas City, Kansas	80,000
Woods Cross, Utah	24,000
Total	374,000
Cities Service Co.	
Lake Charles, Louisiana	320,000
Union Pacific Corp.	
Champlin Petroleum Co.	
Corpus Christi, Texas	170,000
Wilmington, California	60,000
Enid, Oklahoma	53,800
Total	283,800
Getty Oil Co.	
Getty Refining & Marketing Co.	
Delaware City, Delaware	140,000
El Dorado, Kansas	80,577
Bakersfield, California	60,000
Total	280,577
Coastal Corp.	
Coastal States Petroleum Co.	
Corpus Christi, Texas	161,000
Pacific Refining Co.	
Hercules, California	85,000
Derby Refining Co.	
North Wichita, Kansas	27,982
Total	273,982
Tosco Corp.	
Avon, California	126,000
Duncan, Oklahoma	47,000
El Dorado, Arkansas	47,000
Bakersfield, California	39,500
Total	259,500
Dow Chemical Co.	
Dow Chemical U.S.A.	
Freeport, Texas	190,000
Koch Industries Inc.	
Koch Refining Co.	
Corpus Christi, Texas[2]	57,000
Rosemount, Minnesota	127,300
Total	184,300
Kerr-McGee Corp.	
Wynnewood, Oklahoma	43,000
Dubach, Louisiana	10,780
Southwestern Refining Co. Inc.	
Corpus Christi, Texas	104,000
Cotton Valley Solvents Co.	
Cotton Valley, Louisiana	7,800
Total	165,580
Apex Oil Co.	
Clark Oil & Refining Corp.	
Blue Island, Illinois	66,500
Hartford, Illinois	63,600
Mt. Airy, Louisiana[3]	23,000
Total	153,100

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[2] Formerly Sun Co. Inc.
[3] Formerly Mt. Airy Refining Co.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
American Petrofina Co. of Texas	
Port Arthur, Texas	90,000
Big Spring, Texas	60,000
Total	150,000
Total Petroleum Inc.	
Ardmore, Oklahoma	62,000
Arkansas City, Kansas	42,500
Alma, Michigan	40,000
Total	144,500
Murphy Oil Corp.	
Meraux, Louisiana	90,200
Superior, Wisconsin	39,000
Total	129,200
Energy Cooperative Inc.	
East Chicago, Indiana	126,000
Agway Petroleum Corp.	
Texas City Refining Inc.	
Texas City, Texas	119,600
Tenneco Oil Co.	
Chalmette, Louisiana	114,000
Total Capacity of Companies With More Than 100,000 b/d Capacity	14,741,876
Companies with a Capacity 30,001 to 100,000 b/d	
Crown Central Petroleum Corp.	
Pasadena, Texas	100,000
GHR Energy Corp.[4]	
Good Hope, Louisiana	100,000
Amerada Hess Corp.	
Port Reading, New Jersey[5]	68,000
Purvis, Mississippi	30,000
Total	98,000
Earth Resources Co.	
Delta Refining Co.	
Memphis, Tennessee	49,500
Earth Resources Co. of Alaska	
North Pole, Alaska	45,323
Total	94,823
Little America Refining Co.	
Sinclair, Wyoming	70,000
Casper, Wyoming	24,500
Total	94,500
Farmland Industries Inc.	
CRA, Inc.	
Coffeyville, Kansas	56,500
Phillipsburg, Kansas	26,400
Scotts Bluff, Nebraska	5,600
Total	88,500
Independent Refining Corp.	
Winnie, Texas	50,000
Port Neches, Texas	30,000
Total	80,000

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[4] Formerly Good Hope Industries Inc.
[5] Idle since 1974.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Tesoro Petroleum Corp.	
Carrizo Springs, Texas	26,100
Tesoro-Alaskan Petroleum Corp.	
Kenai, Alaska	48,500
Total	74,600
Diamond Shamrock Corp.	
Sunray, Texas	71,100
Husky Oil Co.	
Cheyenne, Wyoming	28,800
Cody, Wyoming	11,500
North Salt Lake, Utah	25,000
Total	65,300
Pennzoil Co. Inc.	
Rouseville, Pennsylvania	14,600
Atlas Processing Co.	
Shreveport, Louisiana	45,000
Elk Refining Co.	
Falling Rock, West Virginia	5,600
Total	65,200
Charter Oil Co.	
Charter International Oil Co.	
Houston, Texas	65,000
Goldking Refining Ltd.	
Hill Petroleum Co.	
Krotz Springs, Louisiana	57,400
National Cooperative Refinery Association	
McPherson, Kansas	54,000
Coral Petroleum Inc.	
Warren, Pennsylvania[6]	41,000
Tuscaloosa, Alabama	10,500
Total	51,500
Placid Oil Co.	
Placid Refining Co.	
Port Allen, Louisiana	40,000
Mont Belvieu, Texas	8,500
Total	48,500
Texas Eastern Transmission Corp.	
La Gloria Oil & Gas Co.	
Tyler, Texas	46,000
Seaview Petroleum Co.	
Paulsboro, New Jersey	44,400
Powerine Oil Co.	
Santa Fe Springs, California	44,120
Rock Island Refining Corp.	
Indianapolis, Indiana	43,200
Penn Central Corp.	
Edgington Oil Co. Inc.	
Long Beach, California	41,600
Farmers Union Central Exchange Inc.	
Laurel, Montana	41,450
Louisiana Land & Exploration Co.	
Mobile, Alabama	41,300

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[6] Formerly United Refining Co.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Asamera Oil (U.S.) Inc.	
Commerce City, Colorado	38,800
Gulf States Oil & Refining Co.	
Corpus Christi, Texas	38,000
Southern Union Co.	
Southern Union Refining Co.	
Lovington, New Mexico	36,100
Pester Corp.	
Pester Refining Co.	
El Dorado, Kansas	35,000
Cirillo Brothers Oil Co.	
Cibro Petroleum Products Inc.	
Albany, New York	33,900
Hunt Oil Co.	
Tuscaloosa, Alabama	33,500
Quintana Petrochemical Co.[7]	
Corpus Christi, Texas	33,300
Pride Refining Inc.	
Abilene, Texas	33,000
Sigmor Corp.	
Sigmor Refining Co.	
Three Rivers, Texas	32,000
Total Capacity of Companies With 30,001 to 100,000 b/d Capacity	1,824,093
Companies with a Capacity 10,001 to 30,000 b/d	
Texas Independent Corp.[8]	
Ingleside, Texas	30,000
Holly Corp.	
Navajo Refining Co.	
Artesia, New Mexico	29,930
E-Z Serv Inc.	
Fort Worth, Texas[9]	20,000
Shallow Water, Kansas	9,500
Total	29,500
International Processors	
St. Rose, Louisiana	28,600
Aweco	
Lake Charles Refining Co.	
Lake Charles, Louisiana	28,000
Mobile Bay Refining Co.	
Chickasaw, Alabama	26,600
Oklahoma Refining Co.	
Thomas, Oklahoma[10]	10,700
Cyril, Oklahoma	15,600
Total	26,300
Marion Corp.	
Theodore, Alabama	25,500

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[7] Formerly Nueces Petrochemical Co.
[8] Formerly Uni Refining Co.
[9] Formerly Winston Refining Co.
[10] Formerly Petref Inc.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Okmulgee Refining Co.[11]	
Okmulgee, Oklahoma	25,000
Sentry Refining Inc.	
Corpus Christi, Texas	25,000
Fletcher Oil & Refining Co.	
Carson, California	24,575
Suburban Propane Gas Corp.	
Plateau Inc.	
Bloomfield, New Mexico	16,800
Roosevelt, Utah	7,500
Total	24,300
Dorchester Gas Corp.	
Dorchester Refining Co.	
Mount Pleasant, Texas	24,000
U.S.A. Petrochem Corp.	
Ventura, California	24,000
Quaker State Oil Refining Corp.	
Newell, West Virginia	11,700
Smethport, Pennsylvania	6,700
St. Mary's, West Virginia	4,800
Total	23,200
Marlex Petroleum Inc.	
Marlex Oil & Refining Inc.	
Long Beach, California	22,000
Kern County Refinery Inc.	
Bakersfield, California	21,400
Indiana Farm Bureau Cooperative Association	
Mount Vernon, Indiana	21,200
West Coast Oil Co.	
Oildale, California	21,000
Ergon Refining Inc.	
Vicksburg, Mississippi	20,600
Texas NAPCO Inc.[12]	
La Jet Inc.	
St. James, Louisiana	20,000
Time Oil Co.	
U.S. Oil & Refining Co.	
Tacoma, Washington	20,000
McTan Corp.[13]	
St. James, Louisiana	19,300
Hudson Oil Co. Inc.	
Hudson Refining Co. Inc.	
Cushing, Oklahoma	19,000
Saber Energy Inc.	
Saber Refining Co.	
Corpus Christi, Texas	19,000
Texas Oil & Chemical Co.	
South Hampton Refining Co.	
Silsbee, Texas	18,100

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[11] Formerly Basin Refining Co.
[12] Formerly North American Petroleum Co.
[13] Formerly Bruin Refining Inc.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Tomlinson Refining Inc.	
Pioneer Refining Ltd.	
Nixon, Texas	18,000
Newhall Refining Co. Inc.	
Newhall, California	17,600
American Ultramar Ltd.[14]	
Hanford, California	17,300
Crystal Oil Co.	
Longview Refining Co.	
Longview, Texas	14,000
Berry Petroleum Co.	
Stephens, Arkansas	3,300
Total	17,300
World Oil Co.	
Sunland Refining Corp.	
Bakersfield, California	17,000
V G S Corp.[15]	
Southland Oil Co.	
Sandersville, Mississippi	11,000
Lumberton, Mississippi	5,800
Total	16,800
MacMillan Ring-Free Oil Co. Inc.	
Long Beach, California	12,200
Norphlet, Arkansas	4,400
Total	16,600
	16,600
Ultramar Co. Ltd.	
Golden Eagle Refining Co. Inc.	
Carson, California	16,170
Mid-Continent Systems Inc.	
Natchez Refining Co.	
Natchez, Mississippi	16,000
Gladieux Refining Inc.	
Fort Wayne, Indiana	15,800
Seminole Oil Co.	
Seminole Refining Inc.	
St. Marks, Florida	15,000
Witco Chemical Corp.	
Oildale, California	8,000
Bradford, Pennsylvania	6,841
Total	14,841
CPI Oil and Refining Inc.[16]	
Lake Charles, Louisiana	14,000
Central Louisiana Energy	
Slapco	
Mermentau, Louisiana	13,500
Giant Industries Inc.	
Farmington, New Mexico	13,500
Gary Energy Co.	
Gary Refining Co.	
Fruita, Colorado	13,100

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[14] Formerly Beacon Oil Co.
[15] Formerly Vermont Gas Systems Inc.
[16] Formerly Calcasieu Refining Ltd.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Hermes Products Co. Wyoming Refining Co. Newcastle, Wyoming	12,555
Brio Refining Inc.[17] Friendswood, Texas	12,500
Western Refining Co. Woods Cross, Utah	12,500
Petraco-Valley Oil & Refining Co. Brownsville, Texas	12,300
Thagard Oil Co. Lunday-Thagard Oil Co. South Gate, California	12,000
Texas American Oil Inc. Texas American Petrochemical Inc. West Branch, Michigan	11,500
Copano Refining Co. Ingleside, Texas	11,100
Marley ECO Petroleum Inc. Long Beach, California	11,000
Tonkawa Refining Co. Arnett, Oklahoma	11,000
T & S Refining Inc. Jennings, Louisiana	10,500
Vedette Energy Inc. Rio Grande Crude Refining Inc.[18] Brownsville, Texas	9,500
Rio Grande Recovery Systems, Inc.[19] Brownsville, Texas	1,000
Total	10,500
Coastal Petroleum Co. Paloma, California	10,200
Total Capacity of Companies With 10l001 to 30,000 b/d Capacity	1,006,271
Companies With a Capacity 10,000 b/d or Less	
Burlington Northern Inc. Glacier Park Co. Osage, Wyoming	10,000
Demenno-Kerdoon Resources Compton, California	10,000
Mitchell Energy & Development Liquid Energy Corp. Bridgeport, Texas	10,000
Sabre Refining Inc. Bakersfield, California	10,000
San Joaquin Refining Co. Oildale, California	10,000

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[17] Formerly Friendswood Refining Co.
[18] Formerly Gulf Energy Refining Corp.
[19] Formerly Val Verde International

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Shepard Oil Inc.	
Jennings, Louisiana	10,000
Sierra Anchor/Sierra Energy Association	
Anchor Refining Co. Inc.	
McKittrick, California	10,000
Caribou-Four Corners Oil Co.	
Woods Cross, Utah	7,200
Farmington, New Mexico	2,400
Total	9,600
Moore & Munger Inc.	
Cross Oil & Refining Co. of Arkansas	
Smackover, Arkansas	9,500
Flying J Inc.	
Cutbank, Montana	4,400
Williston, North Dakota	4,250
Total	8,650
Lakeside Refining Co.	
Kalamazoo, Michigan	5,600
Crystal Refining Co.	
Carson City, Michigan	3,000
Total	8,600
Southern Independent Oil & Refining	
Laketon Asphalt Refining Co.	
Laketon, Indiana	8,500
Adobe Oil & Gas Co.	
Wickett Refining Co.	
Wickett, Texas	8,000
Canal Refining Co.	
Church Point, Louisiana	8,000
Sooner Refining Co.	
Darrow, Louisiana	8,000
Vicksburg Refining Inc.	
Vicksburg, Mississippi	7,900
Industrial Fuel & Asphalt Co.	
Industrial Fuel & Asphalt of Indiana	
Hammond, Indiana	7,600
Mallard Resources	
Gueydan, Louisiana	7,400
Tipperary Corp.	
Tipperary Refining Co.	
Ingleside, Texas	7,320
Allied Materials Corp.	
Stroud, Oklahoma	7,200
Quitman Refining Co.	
Quitman, Texas	6,600
Claiborne Gasoline Co.	
Lisbon, Louisiana	6,500
Morrison Petroleum Co.	
Woods Cross, Utah	6,300
Clinton Manges Oil & Refining Co.	
Palestine, Texas	6,000

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Crysen Corp.[20] Tacoma, Washington	6,000
Simmons Oil Co.[21] Great Falls, Montana	6,000
Texas Armada Refining Co. TARCO Euless, Texas	6,000
Calumet Industries Inc. Calumet Refining Co. Princeton, Louisiana	5,531
Somerset Refining Inc. Somerset, Kentucky	5,500
Warrior Asphalt Co. of Alabama Holt, Alabama	5,500
Huntway Refining Co. Wilmington, California	5,400
Northland Oil & Refining Co. Dickinson, North Dakota	5,000
Young Refining Corp. Douglasville, Georgia	5,000
Kenco Refining Inc. Wolf Point, Montana	4,700
Gibson Oil & Refining Co. Inc. Bakersfield, California	4,600
Evangeline Refining Co. Inc. Jennings, Louisiana	4,500
Howell Corp. Howell Hydrocarbons Inc. San Antonio, Texas	4,500
Nevada Refining Co. Tonopah, Nevada	4,180
Arizona Fuels Corp. Fredonia, Arizona	4,015
Oxnard Refinery Oxnard, California	4,000
Listo Petroleum Co.[22] Donna, Texas	3,500
Eddy Refining Co. Houston, Texas	3,250
Port Petroleum Stonewall, Louisiana	3,200
Bayou State Oil Corp. Hosston, Louisiana	3,000
Kentucky Oil & Refining Co. Betsy Lane, Kentucky	3,000
Mid-America Refining Co. Inc. Chanute, Kansas	3,000

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[20] Formerly Sound Refining Inc.
[21] Formerly Phillips Petroleum Co.
[22] Formerly Rancho Refining Co. Inc.

Table 6. Refiners' Crude Distillation Capacity as of January 1, 1982 (continued)

Refiner	Barrels per Calendar Day
Thriftway Co.	
Bloomfield, New Mexico	1,194
Graham, Texas	1,184
Total	2,378
Bronco Refining Co.	
Houston, Texas	2,250
Eagle Refining Corp.	
Jacksboro, Texas	1,800
Schulze Processing Inc.	
Tallulah, Louisiana	1,760
Flint Ink Corp.	
Flint Chemical Co.	
San Antonio, Texas	1,500
Silver Eagle Refining Co.	
La Barge, Wyoming	1,500
Dillman Oil Recovery Inc.	
Oblong, Illinois	1,200
Petrolite Corp.	
Kilgore, Texas	1,000
Sage Creek Refining Co. Inc.	
Cowley, Wyoming	1,000
United Independent Oil Co.	
Tacoma, Washington	730
Mountaineer Refining Co. Inc.	
La Barge, Wyoming	700
Shore Inc.	
Kilgore, Texas	450
C & H Refinery Inc.	
Lusk, Wyoming	180
Total Capacity of Companies With 10,000 b/d and Less Capacity	317,494
Total Operating Capacity of the United States	17,889,734

Source: Form EIA-177.

Table 7. Refinery Input/Production of Selected Petroleum Products by PAD Districts
(Barrels per Calendar Day)

Input/Production	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V			United States		
	Year 1982	Year 1983	Year 1984	Year 1982	Year 1983	Year 1984	Year 1982	Year 1983	Year 1984	Year 1982	Year 1983	Year 1984	Year 1982	Year 1983	Year 1984	Year 1982	Year 1983	Year 1984
Input																		
Crude Oil	1,420,462	1,470,078	1,435,394	2,982,539	2,839,972	2,837,384	5,920,472	6,437,351	6,764,601	459,899	446,942	464,443	2,241,279	2,331,962	2,417,027	13,024,651	13,526,305	13,918,849
Sweet Crude Oil	771,392	777,560	746,680	1,871,568	1.734,921	1,741,030	3,398,891	3,569,706	3,478,543	249,346	248,305	252,288	320,558	255,050	276,688	6,611,755	6,585.542	6,495,229
Medium Sulfur Crude Oil	52,060	70,460	41,360	179,555	179,185	184,065	253,486	260,358	293,888	75,385	66,647	81,863	679,230	680,965	689,530	1,239,716	1,257,615	1,290,706
Light Medium	38,500	31,500	31,500	143,817	145,795	150,395	159,267	153,267	167,267	62,385	53,647	68,863	80,046	39,535	45,400	484,015	423,744	463,425
Heavy Medium	13,560	38,960	9,860	35,738	33,390	33,670	94,219	107,091	126,621	13,000	13,000	13,000	599,184	641,430	644,130	755,701	833,871	827,281
High Sulfur Crude Oil	597,010	622,058	647,354	931,416	925,866	912,289	2,268,095	2,607,287	2,992,170	135,168	131,990	130,292	1,241,491	1,395,947	1,450,809	5,173,180	5,683.148	6,132.914
Light High	186,760	182,560	230,160	308,550	311,900	284,150	1,063,111	1,106,198	1,194,948	23,740	21,440	21,440	76,753	76,253	76,303	1,658,914	1,698,351	1,807,001
Heavy High	410,250	439,498	417,194	622,866	613,966	628,139	1,204,984	1,501,089	1,797,222	111,428	110,550	108,852	1,164,738	1,319,694	1,374,506	3,514,266	3,984,797	4,325,913
Lease Condensate	112	114	114	20,193	17,105	17,540	84,052	86,980	102,594	9,965	12,970	4,470	1,200	600	600	115,522	117,769	125,318
Natural Gas Liquids	18,775	18,052	19,812	160,763	159,714	160,374	425,435	418,578	419,465	13,527	12,207	13,652	26,602	24,398	26,041	645.102	632,949	639,344
Other Hydrocarbons/ Hydrogen	2,827	2,546	7,832	22,342	16,464	16,452	96,945	86,687	89,217	5,367	5,730	5,730	19,201	29,651	30,551	146,682	141,078	149,782
Unfinished Oils	64,969	67,934	82,166	78,439	75,540	76,020	388,397	574,737	659,813	6,289	6,321	5,794	216,727	210,742	213,564	754,821	935,274	1,037,357
Total Input	1,507,145	1,558,724	1,545,318	3,264,276	3,108,795	3,107,770	6,915,301	7,604,333	8,035,690	495,047	484,170	494,089	2,505,009	2,597,353	2,687,783	14,686,778	15,353,375	15,870,650
Production																		
Finished Motor Gasoline	661,280	689,424	699,784	2,167,400	2,084,089	2,088,972	2,849,385	3,094,922	3,163,257	240,382	234,033	235,478	972,279	1,004,360	1,018,615	6,890,726	7,106,828	7,206,106
Finished Leaded Motor Gasoline	268,476	254,023	242,458	1,255,034	1,152,894	1,106,066	1,309,242	1,227,738	1,190,874	153,319	135,605	129,860	411,883	436,287	420,151	3,397,954	3,206,547	3,089,409
Finished Unleaded Motor Gasoline	392,804	435,401	457,326	912.366	931,195	982,906	1,540,143	1,867,184	1,972,383	87,063	98,428	105,618	560,396	568,073	598,464	3,492,772	3,900,281	4,116,697
Blending Components	2,230	2,440	2,440	52,404	31,984	32,040	73,064	96,373	130,950	1,708	1,831	1,836	30,463	33,213	34,730	159,869	165,841	201,996
Jet Fuel	74,112	73,000	71,000	152,320	139,252	140,001	532,327	559,215	581,748	35,968	39,161	42,337	303,177	312,436	317,243	1,097,904	1,123,064	1,152,329
Naphtha-type jet fuel	27,512	25,700	24,000	33,469	30,408	30,418	108,660	112,144	150,044	12,581	15,885	18,146	50,293	54,093	52,893	232,515	238,230	275,901
Kerosene-type jet fuel	46,600	47,300	47,000	118,851	108,844	109,583	423,667	447,071	431,304	23,387	23,276	24,191	252,884	258,343	264,350	865,389	884,834	876,428
Kerosene	8,513	8,619	8,605	34,866	35,918	35,960	116,063	110,850	112,060	3,950	4,337	4,500	8,373	8,010	8,622	171,765	167,734	169,747
Distillate Fuel Oil	314,920	316,751	313,729	627,821	615,783	614,334	1,277,616	1,411,867	1,559,978	111,916	110,968	115,415	304,607	314,858	344,867	2,636,880	2,770,227	2,948,323
Distillate Fuel Oil, Less No. 4	313,573	315,978	313,160	622,103	609,976	607,882	1,228,550	1,361,596	1,509,707	111,583	110,258	114,705	291,157	301,938	331,657	2,566,966	2,699,746	2,877,111
No. 4 Fuel Oil	1,347	773	569	5,718	5,807	6,452	49,066	50,271	50,271	333	710	710	13,450	12,920	13,210	69,914	70,481	71,212
Residual Fuel Oil	186,073	193,402	186,202	119,697	108,832	113,630	589,437	765,979	785,173	16,016	16,218	16,699	391,317	401,110	421,717	1,302,540	1,485,541	1,523,421
Total Production of Selected Products	1,247,128	1,283,636	1,281,760	3,154,508	3,015,853	3,024,937	5,437,892	6,039,206	6,333,166	433,327	406,548	416,265	2,010,216	2,073,987	2,145,794	12,259,684	12,819,235	13,201,922

Source: Form EIA-177

Table 8. Working Storage Capacity at Refineries by PAD Districts and States as of January 1, 1982
(Thousands of Barrels)

PAD Districts and States	Crude Oil	Products														Total Crude Oil and Products
		Gasoline														
		Finished Leaded	Finished Unleaded	Blending Components	Total	Middle Distillates	Gasohol	Residual Fuel Oil	Asphalt and Road Oil	Lubri- cants	Propane/ Propylene	Butane/ Butylene	Jet Fuel	All Other Products	Total Products	
PAD District I																
Delaware, Maryland	3,032	275	542	1,089	1,906	1,518	0	274	881	0	489	33	225	3,205	8,531	11,563
Florida, Georgia, Virginia	2,186	270	368	534	1,172	815	11	514	355	0	8	24	1	0	2,900	5,086
New Jersey	10,045	1,357	1,847	3,915	7,119	7,405	0	3,403	1,090	813	242	368	1,009	757	22,206	32,251
New York	1,122	116	79	202	397	503	0	917	606	0	3	10	227	121	2,784	3,906
Pennsylvania	10,272	3,458	2,563	1,902	7,923	6,033	0	3,629	1,000	2,712	107	769	995	1,917	25,085	35,357
West Virginia	264	93	55	0	148	114	0	57	0	450	0	0	0	0	769	1,033
Total	26,921	5,569	5,454	7,642	18,665	16,388	11	8,794	3,932	3,975	849	1,204	2,457	6,000	62,275	89,196
PAD District II																
Illinois	6,555	2,238	2,385	4,621	9,244	5,826	0	1,630	1,932	940	298	849	859	3,659	25,237	31,792
Indiana	3,004	1,195	1,058	2,968	5,221	3,597	0	2,952	1,648	520	30	421	972	4,812	20,173	23,177
Kansas	3,420	2,477	1,078	2,212	5,767	3,817	0	1,286	1,418	276	2,668	682	475	1,363	17,752	21,172
Kentucky, Tennessee	2,061	948	576	293	1,817	1,423	0	872	1,062	172	12	34	255	184	5,831	7,892
Michigan	967	652	622	274	1,548	1,636	0	721	870	0	944	867	98	1,015	7,699	8,666
Minnesota, Wisconsin	2,918	2,230	615	30	2,875	2,013	0	1,232	2,446	0	34	83	57	0	8,740	11,658
Missouri, Nebraska	346	193	177	781	1,151	1,161	0	165	230	0	5	26	120	630	3,488	3,834
North Dakota	376	420	252	668	1,340	755	0	158	0	0	3	25	130	96	2,507	2,883
Ohio	2,928	2,238	1,487	2,094	5,819	2,632	0	616	1,139	162	543	597	699	0	12,207	15,135
Oklahoma	3,940	3,353	1,967	2,030	7,350	5,647	0	1,046	780	907	250	381	836	841	18,038	21,978
Total	26,515	15,944	10,217	15,971	42,132	28,507	0	10,678	11,525	2,977	4,787	3,965	4,501	12,600	121,672	148,187
PAD District III																
Alabama	1,889	209	175	730	1,114	626	0	794	475	0	10	15	419	370	3,823	5,712
Arkansas	1,263	104	149	138	391	652	0	90	638	117	2	6	14	4	1,914	3,177
Louisiana	21,983	4,311	4,277	8,350	16,938	16,225	181	7,969	1,274	2,464	1,916	3,340	3,658	6,945	60,910	82,893
Mississippi	3,734	1,068	704	1,745	3,517	2,669	0	903	455	0	54	105	900	385	8,988	12,722
New Mexico	985	482	233	276	991	565	0	480	408	2	7	26	288	35	2,802	3,787
Texas	49,759	11,294	10,906	22,392	44,592	25,322	131	13,844	2,249	6,292	5,164	6,965	6,582	31,761	142,902	192,661
Total	79,613	17,468	16,444	33,631	67,543	46,059	312	24,080	5,499	8,875	7,153	10,457	11,861	39,500	221,339	300,952
PAD District IV																
Colorado	440	581	227	348	1,156	375	0	496	422	0	5	2	171	165	2,792	3,232
Montana	1,587	770	444	1,631	2,845	1,427	3	227	1,121	0	17	206	204	198	6,248	7,835
Utah	1,252	728	312	1,112	2,152	1,121	10	512	561	0	141	45	263	494	5,299	6,551
Wyoming	1,609	1,308	671	1,509	3,488	1,534	0	880	2,166	33	11	168	226	617	9,123	10,732
Total	4,888	3,387	1,654	4,600	9,641	4,457	13	2,115	4,270	33	174	421	864	1,474	23,462	28,350
PAD District V																
California	32,073	5,064	6,202	11,520	22,786	6,817	1	14,327	2,745	987	312	812	5,754	17,465	72,006	104,079
Washington	7,735	1,321	1,087	1,970	4,378	1,452	0	1,316	243	0	16	165	1,174	1,221	9,965	17,700
Other States[1]	3,420	270	126	568	964	964	0	1,474	613	0	21	92	563	51	4,742	8,162
Total	43,228	6,655	7,415	14,058	28,128	9,233	1	17,117	3,601	987	349	1,069	7,491	18,737	86,713	129,941
United States, Total	181,165	49,023	41,184	75,902	166,109	104,644	337	62,784	28,827	16,847	13,312	17,116	27,174	78,311	515,461	696,626

[1] Alaska, Arizona, Hawaii, Nevada and Oregon.
Source: Form EIA-177.

Table 9. Shell Storage Capacity at Refineries by PAD Districts and States as of January 1, 1982
(Thousands of Barrels)

PAD Districts and States	Crude Oil	Products														Total Crude Oil and Products
		Gasoline														
		Finished Leaded	Finished Unleaded	Blending Components	Total	Middle Distillates	Gasohol	Residual Fuel Oil	Asphalt and Road Oil	Lubri-cants	Propane/ Propylene	Butane/ Butylene	Jet Fuel	All Other Products	Total Products	
PAD District I																
Delaware, Maryland	3,524	312	617	1,233	2,162	1,702	0	312	966	0	579	36	256	3,689	9,702	13,226
Florida, Georgia, Virginia	2,598	318	432	722	1,472	966	33	665	555	0	9	30	20	0	3,750	6,348
New Jersey	11,438	1,662	2,208	4,608	8,478	8,597	0	4,156	1,229	900	260	416	1,136	846	26,018	37,456
New York	1,277	121	80	212	413	528	0	986	667	0	3	10	243	135	2,985	4,262
Pennsylvania	11,661	3,821	2,857	2,194	8,872	6,617	0	4,010	1,160	2,802	116	816	1,079	2,240	27,712	39,373
West Virginia	327	113	65	0	178	141	0	77	0	581	0	0	0	0	977	1,304
Total	30,825	6,347	6,259	8,969	21,575	18,551	33	10,206	4,577	4,283	967	1,308	2,734	6,910	71,144	101,969
PAD District II																
Illinois	7,723	2,586	2,777	5,230	10,593	6,502	0	1,792	2,071	971	342	933	1,116	4,081	28,401	36,124
Indiana	3,856	1,392	1,292	3,815	6,499	4,361	0	3,621	1,958	580	35	498	1,266	5,874	24,692	28,548
Kansas	3,710	2,879	1,269	2,630	6,778	4,317	0	1,432	1,559	306	2,675	702	542	1,615	19,926	23,636
Kentucky, Tennessee	2,222	995	625	321	1,941	1,488	0	905	1,113	176	12	34	275	204	6,148	8,370
Michigan	1,111	718	710	340	1,768	1,789	0	766	949	0	1,149	1,021	103	1,115	8,660	9,771
Minnesota, Wisconsin	3,280	2,372	694	32	3,098	2,103	0	1,328	2,665	0	38	85	60	0	9,377	12,657
Missouri, Nebraska	461	265	248	1,093	1,606	1,668	0	236	330	0	7	36	170	900	4,953	5,414
North Dakota	447	543	318	917	1,778	1,058	0	182	0	0	4	35	176	164	3,397	3,844
Ohio	3,223	2,413	1,637	2,320	6,370	2,869	0	666	1,266	180	601	638	777	0	13,367	16,590
Oklahoma	4,488	3,827	2,286	2,287	8,400	6,272	0	1,258	877	965	264	423	917	963	20,339	24,827
Total	30,521	17,990	11,856	18,985	48,831	32,427	0	12,186	12,788	3,178	5,127	4,405	5,402	14,916	139,260	169,781
PAD District III																
Alabama	2,192	261	276	830	1,367	743	0	944	609	0	10	15	499	425	4,612	6,804
Arkansas	1,354	116	166	148	430	704	0	100	699	126	2	7	15	5	2,088	3,442
Louisiana	26,194	5,019	5,216	10,047	20,282	19,272	186	9,233	1,462	2,684	1,950	3,424	4,298	7,861	70,652	96,846
Mississippi	4,177	1,160	804	1,856	3,820	2,901	0	1,010	485	0	57	110	1,050	421	9,854	14,031
New Mexico	1,067	524	260	313	1,097	603	0	504	444	2	7	27	311	40	3,035	4,102
Texas	59,293	13,401	12,442	25,573	51,416	29,113	141	15,588	2,534	7,090	5,690	8,174	7,600	35,687	163,033	222,326
Total	94,277	20,481	19,164	38,767	78,412	53,336	327	27,379	6,233	9,902	7,716	11,757	13,773	44,439	253,274	347,551
PAD District IV																
Colorado	535	623	243	373	1,239	393	0	531	461	0	5	2	187	189	3,007	3,542
Montana	1,782	856	493	1,766	3,115	1,561	3	252	1,243	0	19	211	223	219	6,846	8,628
Utah	1,464	835	361	1,268	2,464	1,257	10	572	681	0	156	57	308	543	6,048	7,512
Wyoming	1,714	1,505	759	1,685	3,949	1,650	0	947	2,382	37	12	180	246	676	10,079	11,793
Total	5,495	3,819	1,856	5,092	10,767	4,861	13	2,302	4,767	37	192	450	964	1,627	25,980	31,475
PAD District V																
California	37,565	5,916	7,262	13,413	26,591	7,686	5	16,276	2,956	1,054	347	903	6,501	19,024	81,343	118,908
Washington	8,748	1,521	1,267	2,471	5,259	1,708	0	1,536	256	0	18	197	1,424	1,559	11,957	20,705
Other States[1]	3,542	293	137	604	1,034	1,020	0	1,547	727	0	26	106	588	55	5,103	8,645
Total	49,855	7,730	8,666	16,488	32,884	10,414	5	19,359	3,939	1,054	391	1,206	8,513	20,638	98,403	148,258
United States, Total	210,973	56,367	47,801	88,301	192,469	119,589	378	71,432	32,304	18,454	14,393	19,126	31,386	88,530	588,061	799,034

[1] Alaska, Arizona, Hawaii, Nevada and Oregon.

Source: Form EIA-177.

Table 10. Projected Change in Capacity of Petroleum Refineries
(Barrels per Stream Day Except Where Noted)

PAD District	Crude Distillation	Vacuum Distillation	Thermal Operation	Charge Capacity: Catalytic Cracking (Fresh)	Charge Capacity: Catalytic Cracking (Recycle)	Charge Capacity: Catalytic Reforming	Charge Capacity: Catalytic Hydrocracking	Charge Capacity: Catalytic Hydrorefining	Charge Capacity: Catalytic Hydrotreating	Production Capacity: Alkylation	Production Capacity: Asphalt	Production Capacity: Aromatics/ Isomerization	Production Capacity: Lubes	Production Capacity: Hydrogen (MMCFD)	Production Capacity: Coke (Short tons/day)
As of January 1, 1983															
PAD District I	-6,200	+1,420	0	0	0	-800	0	0	-30,000	0	-11,500	0	-800	0	0
PAD District II	-393,300	-84,200	-19,100	-131,600	-37,382	-41,100	0	-16,000	-123,000	-28,500	-24,068	-500	-2,400	0	-705
PAD District III	+228,308	+152,410	+53,500	+107,600	+5,075	+74,360	0	+211,300	+115,700	+13,900	+3,027	+5,550	+6,350	+121	+2,010
PAD District IV	-37,000	-10,500	-4,900	-7,000	-2,000	-4,000	+6,100	-4,000	-4,000	0	-1,500	0	0	+6	-125
PAD District V	+23,900	+25,500	+29,900	+30,900	-4,910	-34,050	+8,600	+45,000	+36,700	+8,600	+5,429	+300	0	+54	+1,460
United States Total	-184,292	+84,630	+59,400	-100	-39,217	+24,410	+14,700	+236,300	4,600	-6,000	-28,612	+5,350	+3,150	+181	+2,640
As of January 1, 1984															
PAD District I	0	0	0	0	0	0	0	0	0	0	0	0	+26	-15	0
PAD District II	+2,000	0	0	+2,900	+518	+550	0	0	+11,300	0	+158	+9,500	0	0	+1,080
PAD District III	+161,600	+76,000	+148,000	+47,500	0	+122,176	+75,000	+11,000	+165,500	+17,700	+1,700	0	-100	+83	+5,805
PAD District IV	0	0	0	+2,000	0	0	0	0	0	0	0	0	0	0	0
PAD District V	+59,900	+28,000	+11,000	0	0	+31,250	+25,350	0	+9,700	0	+13,000	0	+7,128	+51	+630
United States Total	+223,500	+104,000	+159,000	+52,400	+518	+153,976	+100,350	+11,000	+186,500	+17,700	+14,858	+9,500	+7,054	+119	+7,515

Source: Form EIA-177.

Table 11. Idle Crude Distillation Capacity[1] During 1981
(Barrels per Calendar Day)

PAD District	January	February	March	April	May	June	July	August	September	October	November	December
PAD District I	166,600	132,500	97,200	184,200	152,200	253,300	170,400	223,700	325,500	252,700	252,700	249,900
PAD District II	107,600	126,600	135,600	159,600	211,100	484,600	539,900	568,087	504,587	338,587	280,100	280,100
PAD District III	147,630	521,000	467,400	654,400	423,180	480,460	353,660	385,960	698,360	680,360	939,460	766,260
PAD District IV	8,000	8,180	18,180	19,380	26,420	25,220	26,420	24,180	18,180	18,180	18,330	18,180
PAD District V	139,430	238,030	200,430	200,430	243,030	232,030	226,030	213,930	237,430	269,430	184,430	210,230
United States, Total	569,260	1,026,310	918,810	1,218,010	1,055,930	1,475,610	1,316,410	1,415,857	1,784,057	1,559,257	1,675,020	1,524,670

[1] Includes refineries totally and partially idle.
Source: Form EIA-87.

Table 12. Refineries Permanently Shutdown between January 2, 1981 and January 2, 1982.
(Barrels per Calendar Day)

Refineries	Location	Crude Distillation Capacity	Date Shutdown
PAD District I			
ATC Petroleum Inc.	Wilmington, North Carolina	11,900	1/82
ATC Petroleum Inc.	Newington, New Hampshire	13,400	1/82
Manatee Energy Co.	Port Manatee, Florida	28,400	10/81
Mobil Oil Corp.	Buffalo, New York	43,000	7/81
Total		96,700	
PAD District II			
Amoco Oil Co.	Wood River, Illinois	104,000	10/81
Conoco Inc.	Wrenshall, Minnesota	23,500	9/81
Dow Chemical U.S.A.	Bay City, Michigan	20,000	9/81
Energy Development Inc.	Crossville, Illinois	1,000	4/81
Gulf Oil Corp.	Toledo, Ohio	50,300	11/81
Kentucky Oil and Refining Co.	Troy, Indiana	1,500	10/81
Texaco Inc.	Lockport, Illinois	72,000	10/81
Wireback Oil Co.	Plymouth, Illinois	1,800	3/81
Total		274,100	
PAD District III			
Adobe Refining Co., Division of Funding Systems Refining Corp.	La Blanca, Texas	5,200	1/82
Carbonit Refinery Inc.	Hearne, Texas	11,000	1/82
Gulf Oil Corp.	Venice, Louisiana	28,700	12/81
Southern Union Refining Co.	Monument, New Mexico	5,400	10/81
Southland Oil Co.	Yazoo City, Mississippi	5,500	7/81
Texas Refining Co.	Midland, Texas	2,500	6/81
Texas Standard Refining Inc.	Houston, Texas	1,800	10/81
Total		60,100	
PAD District IV			
Glenrock Refinery Inc.	Glenrock, Wyoming	6,000	9/81
Southwestern Refining Co.	La Barge, Wyoming	1,040	8/81
Total		7,040	
PAD District V			
Quad Refining Corp.	Bakersfield, California	7,000	10/81
Road Oil Sales Inc.	Bakersfield, California	6,000	1/82
Total		13,000	
United States, Total		450,940	

Source: Form EIA-87.

Explanatory Notes

Note 1 EIA-177: Capacity of Petroleum Refineries

Background

In 1918, the Bureau of Mines (BOM), then in the Department of the Interior, began collecting refinery capacity data on Form 6-1334-A on a voluntary basis. This form was superseded by the mandatory Form EIA-177 in January 1980 under Public Law 93-275. The EIA-177 collects data measuring current and projected refinery input of crude oil and other feedstocks and resultant product yields; storage capacity at the refinery location for crude oil and other products; operable capacities of refining facilities.

Description of Survey

Universe

All refineries (including new refineries under construction) located in the United States, Puerto Rico, the Virgin Islands, Guam and the Hawaiian Foreign Trade Zone are required to report.

Information Collected

The main items of information collected are:

- Current year and two year projections of refinery input of crude oil and other feedstocks and resultant yields;
- Working and Shell storage capacity at the refinery location for petroleum products;
- Current year and two year projections of operable capacity of the refining facilities and output of products.

Collection Methods

The data for the capacity of petroleum refineries is collected on the annual survey Form EIA-177. The forms are mailed out the first week of the current report year and are required to be filed (postmarked) with the EIA by the 15th day of February of the report year.

An automated mailing list is maintained. The receipt of forms is monitored using the automated mailing list. The list of respondents is kept current by checking for new respondents in the Oil & Gas Journal weekly magazine, newspaper articles, and the monthly Form EIA-87, "Refinery Report."

Resubmissions are required whenever requested by DOE or whenever an error is discovered. Company reports are updated after contact with reporting company concerning errors and are followed up by resubmissions to verify corrections.

Response Rates

The initial response rate to the EIA-177 survey is 75%. Standard EIA noncompliance procedures are applied to nonrespondents and a result in a final response rate of 96%. Corrections for the current year are accepted until the current year report is published.

Note 2 Estimation

Imputing Missing Data

Section I: Refinery Input/Output Data

The estimates for this section are based on data reported on the monthly Form EIA-87, "Refinery Report." Input data for 12 months are summed and divided by 365 days to arrive at a barrels per calendar day figure. Output (production) by product is calculated in the same manner.

Section II: Working & Shell Storage Capacity

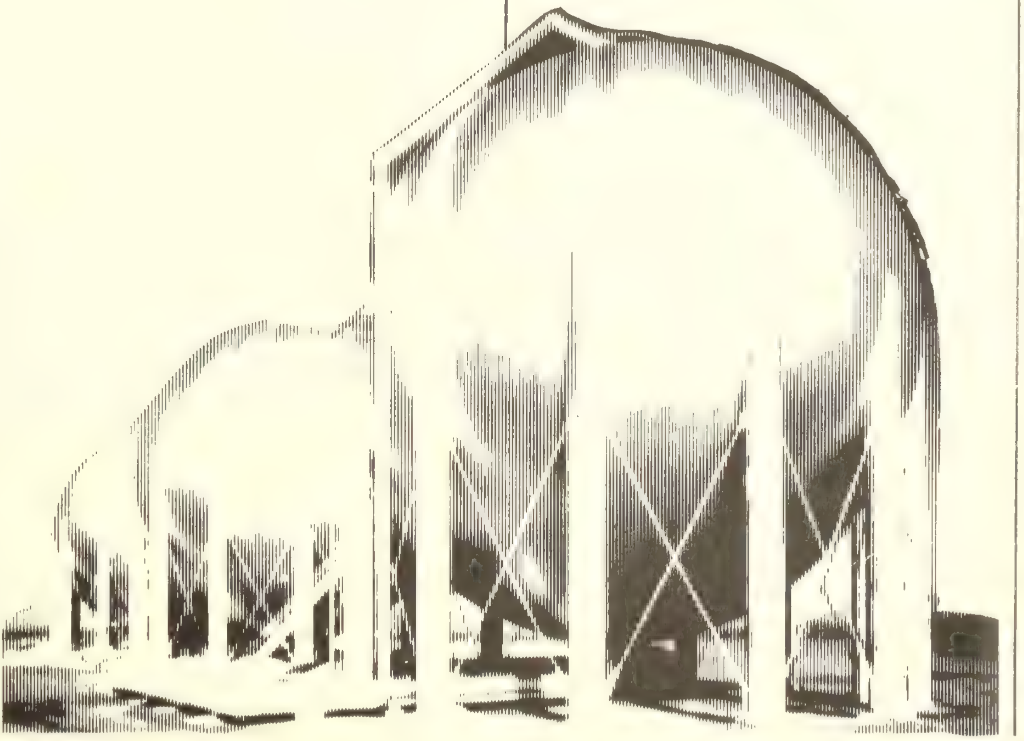
The estimates for this section are based on previous year's data. The shell capacity is taken directly off the previous year's report. The working capacity is 92% of the shell capacity reported.

Section III: Operable Capacity of Crude Oil & Downstream Facilities

The estimates for this section are based on the data reported on the monthly Form EIA-87, "Refinery Report," and the previous year's report.

The crude oil distillation barrels per calendar day capacity is taken from the January Monthly Form EIA-87. A barrels per stream day capacity is arrived at by dividing the reported capacity by .95. Downstream facilities and all projected capacities are taken from previous years reported data.

es of Liquefied roleum Gases



SALES OF LIQUEFIED PETROLEUM GASES AND ETHANE IN 1981

Sales of liquefied petroleum gases and ethane in 1981 totaled 430.0 million barrels (18.1 billion gallons), a decrease of 2.9 percent from the 1980 sales level. This total excludes exports of 15.4 million barrels (0.6 billion gallons) and refinery inputs of 105.4 million barrels (4.4 billion gallons). Sales for chemical use continued as the largest end use category amounting to 182.4 million barrels (7.7 billion gallons) in 1981, representing a decrease of 1.6 percent from the 1980 sales volume. Residential and commercial use, the second largest category, aggregated 100.8 million barrels (4.2 billion gallons) in 1981 compared with 104.1 million barrels (4.4 billion gallons) in 1980, representing a decrease of 3.2 percent. Two contributing factors to the decrease were the increased use of alternate energy sources and continued conservation efforts. Together, the chemical use and residential and commercial use sectors accounted for 65.9 percent of total reported sales in 1981 compared with 65.5 percent in 1980.

In 1981, sales of liquefied petroleum gases for industrial use amounted to 49.9 million barrels (2.1 billion gallons), a decrease of 5.5 percent from 1980 sales. Refinery fuel use is included in this total. Sales for internal combustion engine use, the only category showing growth, rose 8.4 percent from 12.1 million barrels (0.5 billion gallons) in 1980 to 13.1 million barrels (0.6 billion gallons) in 1981. Survey respondents attributed the growth to the increased use of propane fueled vehicles and the record levels of drilling activity in 1981. Sales to gas distribution companies for peak shaving use decreased 26.3 percent to 10.4 million barrels (0.4 billion gallons) in 1981 due to the increased availability of natural gas. The other uses category, which includes farm uses such as crop drying and irrigation pump fueling, and use in synthetic natural gas (SNG) manufacture totaled 73.0 million barrels (3.1 billion gallons) in 1981, a decrease of 1.2 percent from the 1980 sales level.

In this report, liquefied petroleum gases include propane, normal and other butanes, isobutane, and butane-propane mixtures. Sources of these liquefied gases are natural gas processing plants and petroleum refineries.

Sales statistics contained in this section are quite different from product supplied statistics for liquefied petroleum gases found in other parts of the Petroleum Supply Annual. Product supplied statistics are larger than sales statistics because liquefied gases are often consumed by producers without the occurrence of a sale transaction.

in 1981 and 1980
(Thousands of Gallons)

Category	1981	1980
United States, Total	18,061,340	18,603,882
Product Type:		
Ethane	6,008,839	5,756,724
Propane	10,500,566	10,944,175
Butane[1]	1,250,885	1,595,119
Butane-Propane Mixtures	301,050	307,864
Principal Uses:		
Residential and Commercial	4,231,736	4,372,576
Internal Combustion Fuel	550,721	508,011
Industrial[2]	2,096,380	2,217,409
Gas Utility	438,195	594,403
Chemical[3]	7,679,532	7,807,957
Other[4]	3,064,776	3,103,526

[1] Includes Isobutane.

[2] Includes refinery fuel use.

[3] Includes use in synthetic rubber manufacture.

[4] Includes farm uses, use as synthetic natural gas feedstock and use in secondary recovery projects.

Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Table 2. Sales of Liquefied Petroleum Gases and Ethane, by Product Type, by PAD District and State in 1981 and 1980
(Thousands of Gallons)

PAD District and State	Ethane 1981	Ethane 1980	Propane 1981	Propane 1980	Butane[1] 1981	Butane[1] 1980	Propane/ Butane Mix 1981	Propane/ Butane Mix 1980	Total 1981	Total 1980
District I										
Connecticut	-	30	51,210	W	W	W	W	W	51,946	51,909
Delaware	-	-	33,964	110,647	-	-	-	-	33,964	110,647
Florida	67,296	W	317,930	291,686	W	W	W	1,256	385,932	370,742
Georgia	-	54	265,092	W	W	W	W	W	265,529	257,479
Maine	-	-	27,778	W	-	W	-	-	27,778	30,227
Maryland and District of Columbia	-	68	W	W	-	-	W	W	78,531	71,405
Massachusetts	W	-	96,967	W	W	W	W	W	98,408	73,516
New Hampshire	-	-	42,463	W	-	W	-	-	42,463	44,278
New Jersey	W	W	291,324	W	44,402	41,053	W	W	338,643	255,369
New York	-	-	194,401	188,601	W	5,634	W	549	202,786	194,784
North Carolina	-	W	292,561	W	W	-	W	W	292,940	276,006
Pennsylvania	W	W	212,649	W	W	W	W	352	298,663	250,951
Rhode Island	-	-	W	9,752	W	W	-	W	10,796	10,146
South Carolina	-	-	W	W	-	-	W	-	108,716	W
Vermont	-	-	24,324	W	-	-	-	W	24,324	23,039
Virginia	-	9	114,763	W	-	-	-	-	114,763	W
West Virginia	W	W	W	48,917	-	W	-	-	126,339	118,809
Total	224,584	W	2,219,997	2,078,539	54,451	48,662	3,489	W	2,502,521	2,357,531
District II										
Illinois	716,370	W	549,366	568,830	W	W	W	W	1,336,804	1,342,506
Indiana	W	W	280,993	W	W	W	W	W	281,985	275,369
Iowa	W	W	327,273	320,358	W	W	-	-	384,621	386,291
Kansas	59,938	52,144	225,469	W	3,823	6,652	1,078	W	290,308	290,718
Kentucky	185,672	W	121,002	W	W	2,787	W	W	308,135	353,619
Michigan	W	32	216,547	232,962	W	-	-	-	216,690	232,994
Minnesota	W	W	229,401	263,220	656	W	W	1,881	231,629	266,239
Missouri	765	-	284,690	W	W	676	W	W	286,409	315,519
Nebraska	W	W	155,989	155,617	W	W	-	-	156,456	155,631
North Dakota	W	-	W	45,046	-	-	-	-	56,441	45,046
Ohio	1,028,406	988,918	407,233	345,489	W	128,415	W	68,294	1,568,279	1,531,116
Oklahoma	49,071	61,400	175,421	W	5,895	2,154	47,740	W	278,127	310,884
South Dakota	W	-	69,168	87,508	W	-	-	-	69,192	87,508
Tennessee	-	-	W	96,014	W	231	W	146	58,914	96,391
Wisconsin	123	-	190,243	206,613	W	W	W	W	191,773	208,808
Total	2,096,748	2,096,141	3,347,505	3,468,654	168,168	199,034	103,342	134,810	5,715,763	5,898,639
District III										
Alabama	W	52	177,481	170,658	W	W	410	W	179,477	171,182
Arkansas	-	-	145,588	W	W	40	W	W	146,331	167,662
Louisiana	1,471,685	963,530	688,164	560,053	173,512	W	34,013	W	2,367,374	1,828,889
Mississippi	-	-	173,897	W	830	1,165	1,629	W	176,356	196,949
New Mexico	W	3,319	73,629	W	42,054	51,193	W	W	121,314	162,936
Texas	2,184,522	2,427,304	2,654,132	3,169,506	679,173	864,237	58,470	104,398	5,576,297	6,565,445
Total	3,661,776	3,394,205	3,912,891	4,361,417	895,885	1,196,191	96,597	141,250	8,567,149	9,093,063
District IV										
Colorado	W	W	126,049	W	W	4,872	W	W	146,507	133,872
Idaho	-	-	34,268	34,365	-	-	-	-	34,268	34,365
Montana	W	-	W	W	W	W	-	-	39,930	62,488
Utah	-	-	W	32,023	W	12,975	-	-	60,104	44,998
Wyoming	-	-	74,045	W	W	W	W	-	78,850	70,215
Total	984	W	327,255	317,515	31,410	W	10	W	359,659	345,938
District V										
Alaska	-	-	5,900	6,602	-	-	-	-	5,900	6,602
Arizona	-	-	49,528	W	W	W	W	-	49,563	54,967
California	W	W	467,553	W	100,939	122,794	W	1,623	666,488	664,045
Hawaii	-	-	W	W	-	-	W	W	51,993	54,400
Nevada	-	-	32,488	30,446	-	-	-	-	32,488	30,446
Oregon	W	-	W	W	-	W	-	-	48,966	46,821
Washington	-	-	60,825	W	W	W	W	-	60,850	51,430
Total	24,747	W	692,918	718,050	100,971	W	97,612	W	916,248	908,711
United States Total	6,008,839	5,756,724	10,500,566	10,944,175	1,250,885	1,595,119	301,050	307,864	18,061,340	18,603,882

[1] Includes Isobutane.

W=Data withheld to avoid disclosure of individual company data.

Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Table 3. Sales of Liquefied Petroleum Gases and Ethane, by Use, by PAD District and State in 1981 and 1980
(Thousands of Gallons)

PAD District and State	Residential/ Commercial 1981	Residential/ Commercial 1980	Internal Combustion Fuel 1981	Internal Combustion Fuel 1980	Chemical/ Industrial[1] 1981	Chemical/ Industrial[1] 1980	Gas Utility 1981	Gas Utility 1980	Other[2] 1981	Other[2] 1980	Total 1981	Total 1980
District I												
Connecticut	29,214	29,421	1,641	1,628	12,089	14,979	6,205	3,135	2,797	2,746	51,946	51,909
Delaware	22,400	18,514	W	1,532	6,160	W	W	W	3,436	7,415	33,964	110,647
Florida	233,281	219,085	19,664	17,775	101,597	W	9,968	8,094	21,422	W	385,932	370,742
Georgia	165,353	W	13,264	8,376	20,838	W	5,944	1,246	60,130	W	265,529	257,479
Maine	17,049	19,535	W	1,013	8,425	W	W	W	1,205	1,221	27,778	30,227
Maryland and District of Columbia	45,119	W	W	2,928	W	13,461	6,273	7,874	8,060	W	78,531	71,405
Massachusetts	35,226	33,349	3,625	2,918	8,367	W	48,951	25,870	2,239	W	98,408	73,516
New Hampshire	28,980	29,072	631	W	5,694	6,441	6,955	W	203	191	42,463	44,278
New Jersey	46,731	38,391	12,630	W	270,755	W	5,143	5,359	3,384	3,296	338,643	255,369
New York	131,813	W	9,977	8,706	45,940	W	4,486	17,779	10,570	9,530	202,786	194,784
North Carolina	137,573	140,625	8,726	5,564	30,663	W	5,956	5,093	110,022	W	292,940	276,006
Pennsylvania	90,290	W	14,672	16,272	167,839	W	10,879	10,274	14,983	12,997	298,663	250,951
Rhode Island	5,991	5,672	W	982	2,488	2,349	W	W	W	W	10,796	10,146
South Carolina	77,126	74,608	4,371	3,676	7,656	W	1,869	2,277	17,694	14,516	108,716	W
Vermont	18,816	17,590	W	256	W	2,284	W	2,687	362	222	24,324	23,039
Virginia	68,944	74,421	6,184	5,218	14,789	W	2,742	1,466	22,104	20,143	114,763	W
West Virginia	19,470	19,540	2,023	1,566	104,019	W	W	W	W	901	126,339	118,809
Total	1,173,376	1,134,575	104,915	90,941	825,401	771,756	118,650	100,348	280,179	259,911	2,502,521	2,357,531
District II												
Illinois	209,041	200,178	22,858	19,648	648,550	W	26,450	84,896	429,905	W	1,336,804	1,342,506
Indiana	162,859	165,596	W	9,689	51,774	W	W	W	55,297	50,644	281,985	275,369
Iowa	177,950	192,202	W	3,791	69,402	W	W	-	130,347	W	384,621	386,291
Kansas	80,852	102,908	14,972	12,201	122,194	W	5,054	W	67,236	62,359	290,308	290,718
Kentucky	92,446	101,919	W	W	203,842	232,349	W	W	6,116	12,623	308,135	353,619
Michigan	146,298	166,749	W	14,181	22,100	16,922	W	4,125	27,981	31,017	216,690	232,994
Minnesota	131,737	144,727	9,348	7,466	21,993	W	1,324	1,028	67,227	W	231,629	266,239
Missouri	229,979	W	W	7,483	14,703	16,825	W	W	31,818	31,497	286,409	315,519
Nebraska	64,805	W	13,124	W	4,851	W	-	131	73,676	63,455	156,456	155,631
North Dakota	32,268	25,238	7,535	1,272	W	5,271	W	4,780	10,116	8,485	56,441	45,046
Ohio	137,388	126,312	W	24,901	281,963	W	W	W	1,125,896	1,093,225	1,568,279	1,531,116
Oklahoma	93,338	86,909	20,793	26,007	66,643	73,901	56,995	W	40,358	W	278,127	310,884
South Dakota	45,803	57,584	3,410	7,614	W	931	W	W	18,942	W	69,192	87,508
Tennessee	37,922	W	5,647	6,702	8,465	W	727	768	6,153	W	58,914	96,391
Wisconsin	133,640	147,380	11,972	9,249	10,078	15,847	183	135	35,900	36,197	191,773	208,808
Total	1,776,326	1,907,925	182,144	170,494	1,532,573	1,388,543	97,752	241,102	2,126,968	2,190,575	5,715,763	5,898,639
District III												
Alabama	134,227	W	8,257	5,136	W	9,141	W	634	25,820	W	179,477	171,182
Arkansas	85,923	W	13,587	W	W	15,676	W	W	35,072	W	146,331	167,662
Louisiana	56,627	56,691	W	W	2,290,819	W	W	-	W	14,394	2,367,374	1,828,889
Mississippi	103,297	108,753	W	16,819	24,959	W	W	W	30,742	36,372	176,356	196,949
New Mexico	40,534	59,728	7,831	W	54,560	48,241	W	33,784	W	W	121,314	162,936
Texas	308,587	302,961	82,767	W	4,650,751	5,656,217	125,127	124,845	409,065	W	5,576,297	6,565,445
Total	729,195	761,890	137,197	136,983	7,041,738	7,504,558	138,904	159,302	520,115	530,330	8,567,149	9,093,063
District IV												
Colorado	103,295	W	6,511	W	13,099	15,649	9,106	13,578	14,496	W	146,507	133,872
Idaho	14,509	15,612	W	2,572	3,952	4,283	W	7,772	4,929	4,126	34,268	34,365
Montana	24,878	40,948	3,278	W	1,880	W	5,847	W	4,047	W	39,930	62,488
Utah	18,972	17,241	W	1,599	10,835	W	W	W	16,159	6,608	60,104	44,998
Wyoming	35,547	31,818	7,400	8,095	11,708	W	10,404	12,907	13,791	W	78,850	70,215
Total	197,201	W	23,410	W	41,474	32,715	44,152	56,152	53,422	46,622	359,659	345,938
District V												
Alaska	W	W	-	W	2,428	W	-	-	W	W	5,900	6,602
Arizona	31,308	32,443	9,149	6,630	W	3,524	W	4,885	5,962	5,485	49,563	54,967
California	217,631	243,074	67,749	57,711	298,804	W	23,125	W	59,179	55,332	666,488	664,045
Hawaii	W	W	W	W	W	W	W	5,574	4,786	W	51,993	54,400
Nevada	19,950	21,104	W	W	2,408	2,176	W	W	W	655	32,488	30,446
Oregon	31,078	28,339	8,782	7,156	W	W	W	W	5,772	5,054	48,966	46,821
Washington	33,584	30,952	13,147	10,135	6,850	W	W	W	W	5,345	60,850	51,430
Total	355,638	W	103,055	W	334,726	327,794	38,737	37,499	84,092	76,088	916,248	908,711
United States Total	4,231,736	4,372,576	550,721	508,011	9,775,912	10,025,366	438,195	594,403	3,064,776	3,103,526	18,061,340	18,603,882

[1] Includes sales for refinery fuel use.

[2] Includes farm uses, use as synthetic natural gas feedstock, and use in secondary recovery of petroleum

W=Data withheld to avoid disclosing individual company data.

Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Table 4. Sales of Propane by Use, in the United States, by PAD District and State in 1981 and 1980
(Thousands of Gallons)

PAD District and State	Residential/ Commercial 1981	Residential/ Commercial 1980	Internal Combustion Fuel 1981	Internal Combustion Fuel 1980	Chemical/ Industrial[1] 1981	Chemical/ Industrial[1] 1980	Gas Utility 1981	Gas Utility 1980	Other[2] 1981	Other[2] 1980	Total 1981	Total 1980
District I												
Connecticut	29,214	29,421	1,641	1,628	12,026	W	6,205	3,135	2,124	2,099	51,210	W
Delaware	22,400	18,514	W	1,532	6,160	W	W	W	3,436	7,415	33,964	110,647
Florida	232,915	218,633	19,520	17,673	34,256	W	9,904	W	21,335	14,611	317,930	291,686
Georgia	164,954	165,175	13,264	8,376	20,838	W	5,944	W	60,092	60,037	265,092	W
Maine	17,049	19,535	W	1,013	8,425	W	W	W	1,205	1,221	27,778	W
Maryland and District of Columbia	45,119	38,941	W	2,928	15,825	W	6,273	7,874	7,838	8,014	W	W
Massachusetts	35,226	33,349	3,625	2,918	7,838	W	48,951	25,870	1,327	1,455	96,967	W
New Hampshire	28,980	29,072	631	W	5,694	6,441	6,955	W	203	191	42,463	W
New Jersey	46,731	38,391	12,630	W	224,811	154,013	5,143	5,359	2,009	1,898	291,324	W
New York	131,415	119,400	9,977	8,706	38,086	33,281	4,486	17,779	10,437	9,435	194,401	188,601
North Carolina	137,573	140,625	8,726	5,564	30,321	W	5,956	5,093	109,985	99,429	292,561	W
Pennsylvania	90,290	90,281	14,672	16,272	82,075	W	10,879	10,274	14,733	12,711	212,649	W
Rhode Island	5,991	5,672	1,092	982	2,488	2,349	W	W	W	360	W	9,752
South Carolina	77,116	74,608	4,371	3,676	7,656	W	W	W	17,694	14,516	W	W
Vermont	18,816	17,590	360	W	2,257	2,284	2,529	2,687	362	222	24,324	W
Virginia	68,944	74,421	6,184	5,218	14,789	W	2,742	1,466	22,104	20,143	114,763	W
West Virginia	19,470	19,540	2,023	1,566	34,849	W	W	W	W	901	W	48,917
Total	1,172,203	1,133,168	104,771	90,839	548,394	499,530	118,586	100,344	276,043	254,658	2,219,997	2,078,539
District II												
Illinois	209,041	200,178	22,798	19,648	162,851	108,086	26,450	84,896	128,226	156,022	549,366	568,830
Indiana	162,859	165,596	W	9,689	51,541	W	W	W	54,538	49,819	280,993	W
Iowa	177,950	192,202	W	3,791	12,063	W	W	W	130,338	101,693	327,273	320,358
Kansas	80,852	102,908	14,972	12,201	57,538	47,817	5,054	W	67,053	62,102	225,469	W
Kentucky	92,446	101,919	W	W	16,915	W	W	W	5,910	11,719	121,002	W
Michigan	146,298	166,749	W	14,181	21,995	W	W	W	27,943	31,017	216,547	232,962
Minnesota	131,737	144,727	9,348	7,466	21,238	30,163	1,324	1,028	65,754	79,836	229,401	263,220
Missouri	229,979	258,713	W	7,483	13,579	W	W	W	31,223	31,108	284,690	W
Nebraska	64,800	67,630	13,124	W	4,389	9,629	-	W	73,676	63,455	155,989	155,617
North Dakota	32,268	25,238	7,535	W	W	W	W	4,780	10,116	8,485	W	45,046
Ohio	137,388	126,312	W	24,901	60,683	W	W	W	186,901	167,103	407,233	345,489
Oklahoma	92,696	85,994	20,782	25,957	11,153	W	10,481	12,477	40,309	53,276	175,421	W
South Dakota	45,803	57,584	3,389	W	W	931	W	W	18,942	20,749	69,168	87,508
Tennessee	37,922	63,356	5,647	6,702	8,465	W	727	W	5,538	8,049	W	96,014
Wisconsin	133,640	147,380	11,972	W	9,989	15,847	149	W	34,493	34,002	190,243	206,613
Total	1,775,679	1,906,486	181,281	170,444	458,381	391,357	51,204	121,932	880,960	878,435	3,347,505	3,468,654
District III												
Alabama	133,674	132,318	8,257	5,136	W	9,141	1,997	634	W	23,429	177,481	170,658
Arkansas	85,793	100,372	13,474	15,631	W	15,676	W	W	34,572	34,350	145,588	W
Louisiana	54,000	55,810	W	17,498	614,337	W	W	W	11,608	14,259	688,164	560,053
Mississippi	100,882	106,134	W	16,819	24,958	34,352	W	W	30,699	29,403	173,897	W
New Mexico	39,554	59,728	7,795	9,653	8,222	W	W	20,120	W	11,485	73,629	W
Texas	303,489	295,269	82,394	70,982	1,848,446	2,357,956	28,464	43,686	391,339	401,613	2,654,132	3,169,506
Total	717,392	749,631	136,650	135,719	2,515,169	2,897,049	41,910	64,479	501,770	514,539	3,912,891	4,361,417
District IV												
Colorado	87,209	W	6,208	W	9,057	9,495	9,079	13,560	14,496	16,960	126,049	W
Idaho	14,509	15,612	W	2,572	3,952	4,283	W	7,772	4,929	4,126	34,268	34,365
Montana	24,878	40,948	3,278	W	1,830	W	W	3,124	3,920	5,633	W	W
Utah	18,972	17,241	W	1,599	10,468	2,822	W	3,753	16,159	6,608	W	32,023
Wyoming	33,727	31,818	7,400	8,095	9,641	W	9,695	9,984	13,582	9,242	74,045	W
Total	179,295	W	23,107	W	34,948	26,304	36,819	38,193	53,086	42,569	327,255	317,515
District V												
Alaska	W	W	-	W	2,428	W	-	-	W	W	5,900	6,602
Arizona	31,308	32,443	9,149	8,630	W	W	W	4,885	5,962	5,485	49,528	W
California	214,637	239,623	67,343	57,189	111,174	W	16,521	17,334	57,878	53,667	467,553	W
Hawaii	W	W	2,879	W	-	-	W	5,574	W	W	W	W
Nevada	19,950	21,104	1,349	757	2,408	W	7,530	W	1,251	655	32,488	30,446
Oregon	31,078	28,339	8,782	7,158	W	W	W	W	5,772	5,054	W	W
Washington	33,584	30,952	13,147	10,135	W	4,322	W	W	6,955	5,345	60,825	W
Total	352,644	W	102,649	W	126,937	146,114	32,133	37,499	78,555	71,080	692,918	718,050
United States Total	4,197,213	4,354,020	548,458	508,011	3,683,829	3,960,354	280,652	362,447	1,790,414	1,761,281	10,500,566	10,944,175

[1] Includes sales for refinery fuel use.
[2] Includes farm uses, use as synthetic natural gas feedstock, and use in the secondary recovery of petroleum.
W=Data withheld to avoid disclosing individual company data.
Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Table 5. Sales of Liquefied Petroleum Gases and Ethane Excluding Propane, by Use, by PAD District, and State Group in 1981 and 1980 (Thousands of Gallons)

PAD District and State	Residential/ Commercial 1981	Residential/ Commercial 1980	Internal Combustion Fuel 1981	Internal Combustion Fuel 1980	Chemical/ Industrial[1] 1981	Chemical/ Industrial[1] 1980	Gas Utility 1981	Gas Utility 1980	Other[2] Uses 1981	Other[2] Uses 1980	Total 1981	Total 1980
District I												
Fla., Ga., N.C., S.C.	775	887	144	102	67,683	78,037	64	4	162	852	68,828	79,882
Conn., Mass., N.J., N.Y., PA.	398	520	-	-	140,154	124,220	-	-	3,343	3,820	143,895	128,560
Other[3]	-	-	-	-	69,170	69,969	-	-	631	581	69,801	70,550
Total	1,173	1,407	144	102	277,007	272,226	64	4	4,136	5,253	282,524	278,992
District II												
Ill., Ind., Ky., Ohio	-	-	831	-	894,139	W	-	W	1,241,639	1,306,911	2,136,609	2,174,541
Ia., Kan., Neb., Okla.	W	W	11	W	177,947	189,056	46,514	58,253	W	319	225,360	248,597
Other[4]	-	W	21	-	2,106	W	34	W	4,128	4,910	6,289	6,847
Total	W	W	863	W	1,074,192	997,186	46,548	W	W	1,312,140	2,368,258	2,429,985
District III												
Louisiana	2,627	881	25	23	1,676,482	1,267,797	-	-	76	135	1,679,210	1,268,836
Texas	5,098	7,692	373	701	2,802,305	3,298,261	96,663	81,159	17,726	8,126	2,922,165	3,395,939
Other[5]	4,078	3,686	149	540	47,782	41,451	331	13,664	543	7,530	52,883	66,871
Total	11,803	12,259	547	1,264	4,526,569	4,607,509	96,994	94,823	18,345	15,791	4,654,258	4,731,646
District IV	W	W	303	W	6,526	6,411	7,333	17,959	W	4,053	32,404	28,423
District V												
Calif.	2,994	3,451	406	522	187,630	158,228	6,604	-	1,301	1,665	198,935	163,866
Other[6]	-	-	-	-	20,159	23,452	-	-	4,236	3,343	24,395	26,795
Total	2,994	3,451	406	522	207,789	181,680	6,604	-	5,537	5,008	223,330	190,661
United States, Total	34,523	18,556	2,263	1,938	6,092,083	6,065,012	157,543	231,956	1,274,362	1,342,245	7,560,774	7,659,707

[1] Includes sales for refinery fuel use.
[2] Includes farm uses, use as synthetic and natural gas feedstock and use in secondary recovery of petroleum.
[3] Includes Delaware, Maine, Maryland/District of Columbia, New Hampshire, Rhode Island, Vermont, Virginia, and West Virginia.
[4] Includes Michigan, Minnesota, Missouri, North Dakota, South Dakota, Tennessee, and Wisconsin.
[5] Includes Alabama, Arkansas, Mississippi, and New Mexico.
[6] Includes Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.
W=Data withheld to avoid disclosing individual company data.
Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Explanatory Notes

Note I EIA-174: Sales of Liquefied Petroleum Gases and Ethane

Background

The EIA-174 "Sales of Liquefied Petroleum Gases and Ethane" collects data on annual sales to consumers categorized by state of destination, product, and end use. The first survey covering sales of LPG was made in 1930 by the Bureau of Mines. The BOM 6-1345-A was superceded by the mandatory Form EIA-174 in January of 1979.

Description of Survey

Universe

The universe is defined as all companies in the 50 states and the District of Columbia having sales of liquefied petroleum gases and/or ethane of 100,000 gallons or more. Exclusion of suppliers with sales of less than 100,000 gallons lessens the reporting burden on small businesses. At present, the universe frame file is kept current by matching periodically against the National LP Gas Association Directory and LP Gas Almanac (Cancrude Consultants, Ltd.) listings. The number of companies required to respond in the 1981 survey was 3,308.

Information Collected

Data categories collected are quantity of liquefied petroleum gases sold to end users, and resellers, or refiners by end use category, product category, and by state of destination. Quantities reported are in units of one thousand gallons. End use categories are residential and commercial, industrial, internal combustion engine, gas distribution lines, raw material to chemical plants, synthetic natural gas feedstock, farm, and all others. Product categories are ethane, propane, butane, and butane-propane mixtures.

Collection Methods

Form EIA-174 is used to collect annual data on sales of liquefied petroleum gases and ethane. The forms are mailed to respondents in early January, and are due 75 days after the end of the report year. Receipt of the reports is monitored using an automated respondent list. After approximately 70 days, second request mailout procedures and application of noncompliance procedures are implemented to secure responses from companies which have not replied by that date.

Respondents are contacted regarding questionable entries and resubmissions are required for revised data.

Response Rates

The total number of responses was 3,165, representing a final response rate of 96 percent of the total selected.

Note 2 Estimation

Estimation Procedures

Data in this report were obtained by summing the individual responses including imputed data within each category. Because the survey is a census of all companies on the frame, no estimation procedures were employed.

Imputing Missing Data

Data for companies which failed to respond to the 1981 survey were imputed by substituting the data reported by these companies in 1980. No imputation was made for nonrespondents for which no 1980 data were on file. The volume for this group is estimated to be less than 0.2 percent of total sales. The total volume of imputed data at the national level was 0.7 billion gallons representing 3.9 percent of total sales.

Accuracy of the Data

There are two types of errors usually associated with data produced from a survey--sampling errors and nonsampling errors. Sampling errors are those errors that occur when survey estimates are based on a sample rather than being derived from a complete census of the frame. Nonsampling errors, sometimes referred to as biases, are those which can arise from a number of sources: (1.) the inability to obtain all companies in the frame or sample (nonresponse) and the method used to account for missing data, (2.) definitional difficulties and/or improperly worded questions which lead to different interpretations, (3.) mistakes in recording or coding the data obtained from respondents, and (4.) other errors of collection, response, coverage, and estimation. Because estimates from the Form EIA-174 survey are based on a complete census of the frame of LPG dealers, there is no sampling error in the data presented in this report. The data, however, are subject to nonsampling error. Data collection and processing procedures are employed in attempts to minimize misinterpretation and misreporting. Nonresponse followup procedures are employed to reduce the number of nonrespondents and the nonresponse adjustment procedure employed should introduce a minimal amount of bias given the relatively small volume of the imputed data.

End use categories are defined as follows:

Residential and Commercial Uses. Included are liquefied petroleum gases sold for use in non-farm private households for heating, cooking, water heating, and other household uses such as clothes drying and for incineration. Farm-household uses are included under "miscellaneous uses." Also included are sales to non-manufacturing establishments such as motels, restaurants, retail businesses, laundries, and other service enterprises, primarily for uses such as space heating, water heating, and cooking.

Internal Combustion Engine Fuel Use. Included are liquefied petroleum gases sold for use in all kinds of highway vehicles, forklifts, industrial tractors, and also for use in oilfield drilling and production uses.

Industrial Uses and Chemical Use. Included are liquefied petroleum gases and ethane sold to manufacturing plants, processing plants, etc. for use as standby fuel, in space heating, or for other uses such as flame cutting, metallurgical furnaces, and plumber's torches. Also included are sales to refineries for fuel use. Chemical use includes all LPG and ethane sold to chemical plants for use as raw materials, solvents, and in the production of synthetic rubber.

Gas Utility Use. Included are liquefied petroleum gases and ethane sold to gas utility companies for distribution through the mains.

Miscellaneous Uses. Included are liquefied petroleum gases and ethane sold for all farm uses including household, internal combustion engine fuel use, and agricultural uses such as flame cultivation, crop drying, tobacco drying, and poultry breeding. Also included are liquefied petroleum gases and ethane sold for use as feedstock in the manufacture of synthetic natural gas, and for use in secondary recovery projects.

iveries of Fuel Oil and osene

DELIVERIES OF FUEL OIL AND KEROSENE IN 1981

HIGHLIGHTS

The combined domestic deliveries of distillate fuel oil, residual fuel oil, and kerosene in 1981 of 1.8 billion barrels were 11.6 percent lower than the 2.1 billion barrels delivered in 1980. Residential, commercial, industrial, and electric utility uses dropped during 1981 and, aggregated, accounted for only 49.7 percent of the total deliveries for the year, compared to an aggregated share in 1980 of 53.6 percent. Deliveries for transportation use, including vessels, railroads, and on-highway vehicles, were slightly lower during 1981 due to a large decrease in vessel bunkering use. Transportation use continued to account for the largest share of deliveries, accounting for 36.4 percent in 1981, compared to 32.4 percent in 1980. Fuel oil deliveries for electric utility use during 1981 were 46.8 percent lower than those in 1977, the peak year for such deliveries, while utility companies continued to rely on the less costly coal and natural gas.

Price continued to be a dominant factor in the decline of fuel oil deliveries in 1981. Deliveries of residual fuel oil to utilities and for vessel bunkering use, which have accounted for the largest shares of residual fuel oil deliveries in recent years, both declined sharply in 1981 in association with higher residual fuel oil prices. The average price per million Btu paid for each of the fossil fuels by steam-electric plants has risen annually since 1977, but the average prices for coal and natural gas have remained more favorable than that of residual fuel oil. In association with this, over the last four years deliveries of residual fuel oil to electric utilities have shown sharp declines and have dropped from the 1977 level of 569 million barrels to a ten-year low of 325 million barrels in 1981.

Deliveries of residual fuel oil for vessel bunkering use increased annually between 1974 and 1980, with a major increase occurring in 1976. This increase was associated with the practice of "double bunkering" by vessel operators engaged in foreign trade who, by purchasing their bunker fuel at U.S. ports, took advantage of lower U.S. residual fuel oil prices, relative to foreign prices. The "double bunkering" contributed largely to the yearly increases in domestic deliveries for vessel bunkering use through 1980. In 1981, with U.S. residual fuel oil prices comparable to those of other countries, the deliveries for vessel bunkering use decreased for the first time in nine years.

Deliveries of distillate and residual fuel oils in this section for 1981, 1980 and 1979 are comparable to the unadjusted PAD District and U.S. product supplied for those years (see Explanatory Note 2). Previously published deliveries of these products were comparable to the adjusted product supplied. The 1980 recalculated data are included in Tables 1, 2, 12 and 13 of this section; 1979 recalculated data are included in Tables 12, 13, 15 and 16.

The 1981 combined deliveries of distillate fuel oil for residential, commercial, industrial, and electric utility uses showed a 14.4 percent decline and their share of the total deliveries also dropped from 40.2 percent in 1980 to 36.3 percent this year. Price induced conservation and switching to alternate, less expensive fuels contributed to the decreased share of deliveries for these uses. Deliveries for transportation use, however, continued the generally upward movement begun seventeen years ago, when on-highway diesel use was first separately classified. The share of total deliveries accounted for by the transportation sector also increased since 1964, when its share of deliveries was 24.1 percent; in 1981 transportation use accounted for 46.6 percent of all distillate fuel oil deliveries. In recent years the increased number of diesel powered automobiles has contributed to higher on-highway diesel use, with the result that deliveries of distillate fuel oil for transportation use continued to rise in 1981, despite declining distillate fuel oil deliveries generally.

Distillate Fuel Oil

Deliveries of distillate fuel oil in 1981 declined for the third consecutive year, and dropped to the lowest level since 1971. Total deliveries of distillate fuel oil in 1981 were 1.0 billion barrels, showing a decrease of 5.0 percent from the 1.1 billion barrels delivered in 1980. Deliveries for transportation, residential, industrial, and commercial uses together accounted for 81.1 percent of all the distillate fuel oil deliveries in 1981, and for 79.7 percent in 1980.

In 1981 deliveries for transportation use, including railroads, vessels, and on-highway vehicles, were 482 million barrels, 4.5 percent higher than the 1980 deliveries. They accounted for 46.6 percent of the 1981 total deliveries, a larger portion than the 42.4 percent share in 1980. Deliveries for residential use in 1981 were 197 million barrels, 13.2 percent lower than 1980 levels. Residential use in 1981 accounted for 19.1 percent of all distillate fuel oil deliveries, and in 1980 for 20.9 percent. Industrial use was 80 million barrels in 1981, declining 6.8 percent from 1980, while commercial use of 79 million barrels fell 14.6 percent this year. Industrial use accounted for 7.8 percent of the total for 1981 and for 7.9 percent in 1980, while commercial use accounted for 7.6 percent of all deliveries this year and for 8.5 percent in 1980.

PAD District I accounted for 37.4 percent of all distillate fuel oil deliveries during 1981 and showed a 9.2 percent decrease from 1980 levels, primarily in the residential, commercial, industrial and utility use categories. In PAD District II, which accounted for 28.4 percent of total deliveries in 1981 and showed a 5.4 percent decline from 1980 levels, deliveries for residential, commercial, utility, and off-highway diesel uses were notably lower, while on-highway diesel use increased substantially. In PAD District III, with 18.0 percent of the total 1981 deliveries, higher deliveries for all the transportation uses were offset by declines for industrial, utility, military, and off-highway diesel uses. In PAD District IV, with 3.8 percent of the total, higher deliveries for oil company use compensated for lower deliveries for commercial and off-highway diesel uses. PAD District V, with 12.3 percent of the 1981 total, showed higher deliveries for military and railroad uses, while deliveries for commercial and utility uses declined.

Residual Fuel Oil

Deliveries of residual fuel oil in 1981 declined for the fourth straight year, hitting the lowest level since 1969. Total deliveries of residual fuel oil were 762 million barrels, showing a decrease of 18.7 percent from the 937 million barrels in 1980. Deliveries for electric utility, transportation, industrial and commercial uses were all much lower in 1981, but together accounted for 91.6 percent of all deliveries in 1981, whereas in 1980 they accounted for 92.3 percent.

Deliveries for electric utility use in 1981 of 325 million barrels were 16.6 percent lower than the 1980 deliveries, and accounted for 42.7 percent of all residual fuel oil deliveries, while for 1980 they accounted for 41.6 percent. Transportation use, including vessels and railroads, of 189 million barrels decreased 11.7 percent from 1980 and accounted for 24.8 percent of all deliveries in 1981, compared with 22.8 percent a year earlier. Industrial use was 117 million barrels for 1981, a decrease of 28.5 percent from the amount delivered in 1980. Industrial use accounted for 15.4 percent of all residual fuel oil deliveries this year, and for 17.4 percent in 1980. Commercial use in 1981 of 67 million barrels was 31.6 percent lower than in 1980. Its share of the total deliveries in 1981 was 8.8 percent, compared with 10.5 percent in 1980.

PAD District I accounted for 52.3 percent of all residual fuel oil deliveries in 1981 and showed a 16.2 percent decrease from 1980 levels, primarily in the commercial, industrial, utility, and vessel bunkering use categories. In PAD District II, which accounted for 6.8 percent of total deliveries in 1981 and showed a 27.7 percent decline from the previous year, deliveries for commercial, industrial, oil company, utility and vessel bunkering uses were lower. PAD District III, with 18.6 percent of the 1981 deliveries, showed a 20.6 percent decline in total deliveries, primarily for commercial, industrial, utility, and vessel bunkering uses. PAD District IV, with 0.8 percent of the total deliveries, showed a 35.8 percent drop from the previous year's levels, especially in commercial and oil company uses. PAD District V, with 21.4 percent of the 1981 total, showed an 18.9 percent drop from 1980 levels, with higher deliveries for commercial use, but deliveries for utility use decreased substantially.

Kerosene

Deliveries of kerosene in 1981 were 46 million barrels, 20.1 percent below the 58 million barrels for 1980. Total deliveries were lower in all PAD Districts. Deliveries to PAD District 3 accounted for 41.8 percent of the total in 1981, while in 1980 they accounted for 42.2 percent. Deliveries to PAD District 1 accounted for 31.5 percent of the 1981 total, compared with 33.2 percent in 1980.

Table 1. Deliveries for All Uses: Distillate Fuel Oil in 1981 and 1980
(Thousands of Barrels)

Destination	Residential		Commercial		Industrial		Oil Company	
	1981	1980[1]	1981	1980[1]	1981	1980[1]	1981	1980[1]
PAD District I								
New England States								
Connecticut..........	12,979	13,669	2,940	2,918	958	2,571	51	82
Maine................	5,234	6,388	1,745	1,848	326	377	58	23
Massachusetts........	18,747	22,773	5,773	7,525	1,526	1,361	45	56
New Hampshire........	3,485	3,540	534	1,050	379	367	17	15
Rhode Island.........	2,573	3,306	382	618	208	285	8	11
Vermont..............	2,013	2,193	555	620	131	163	10	15
Central Atlantic States								
Delaware.............	1,031	1,316	634	635	161	282	36	5
District of Columbia.	282	751	281	648	78	37	2	2
Maryland.............	6,805	8,810	1,572	2,870	1,486	1,715	166	194
New Jersey...........	23,217	24,014	7,680	9,181	7,635	5,684	680	176
New York.............	35,129	37,775	12,628	14,518	3,629	6,406	247	318
Pennsylvania.........	24,260	27,836	5,172	5,867	5,466	6,140	726	728
Lower Atlantic States								
Florida..............	985	1,216	2,578	1,928	1,937	2,119	380	374
Georgia..............	184	578	1,230	316	1,158	1,638	53	80
North Carolina.......	5,529	7,039	1,346	1,680	1,611	1,968	82	82
South Carolina.......	1,432	1,587	434	481	583	672	64	56
Virginia.............	5,585	7,396	1,399	1,643	1,570	1,948	906	112
West Virginia........	894	1,181	712	266	1,734	1,775	173	292
PAD I Total............	150,364	171,368	47,595	54,612	30,576	35,508	3,706	2,621
PAD District II								
Illinois.............	2,624	3,553	4,070	2,128	2,186	2,043	487	595
Indiana..............	4,110	5,459	1,142	2,010	2,447	1,944	175	205
Iowa.................	2,016	2,442	624	770	613	753	25	44
Kansas...............	19	155	297	370	354	267	850	531
Kentucky.............	573	829	603	2,664	3,346	2,205	78	323
Michigan.............	7,913	9,297	2,373	3,169	1,564	1,431	108	128
Minnesota............	4,829	6,005	837	1,478	1,086	1,295	83	90
Missouri.............	1,410	1,259	775	1,023	1,249	596	184	95
Nebraska.............	386	376	340	185	183	126	33	36
North Dakota.........	1,068	1,216	393	658	450	213	486	212
Ohio.................	5,710	7,526	2,603	2,625	5,221	6,111	366	382
Oklahoma.............	96	17	525	323	926	297	2,082	902
South Dakota.........	702	785	251	374	94	79	67	25
Tennessee............	472	317	1,121	1,027	1,399	2,080	123	233
Wisconsin............	7,508	8,252	1,155	1,714	916	977	45	44
PAD II Total...........	39,436	47,488	17,109	20,518	22,034	20,417	5,192	3,845
PAD District III								
Alabama..............	17	27	998	1,077	1,746	2,336	59	226
Arkansas.............	20	255	176	190	628	474	192	228
Louisiana............	0	9	518	665	3,595	4,200	6,057	5,032
Mississippi..........	2	16	138	45	1,964	1,045	355	430
New Mexico...........	18	25	683	225	886	1,014	352	193
Texas................	7	14	3,749	4,758	4,841	7,392	8,160	8,980
PAD III Total..........	64	346	6,262	6,960	13,660	16,461	15,175	15,089
PAD District IV								
Colorado.............	54	70	312	297	946	991	139	69
Idaho................	424	425	122	195	428	501	9	24
Montana..............	274	374	381	302	380	240	312	152
Utah.................	73	102	206	893	823	709	514	108
Wyoming..............	26	24	125	373	2,129	2,010	2,314	1,157
PAD IV Total...........	851	995	1,146	2,060	4,706	4,451	3,288	1,510
PAD District V								
Alaska...............	912	1,216	533	598	722	710	6	2
Arizona..............	1	2	60	289	1,679	1,667	4	16
California...........	72	100	3,742	3,345	3,898	3,734	887	454
Hawaii...............	1	1	178	413	107	112	163	202
Nevada...............	151	193	333	368	283	307	4	3
Oregon...............	2,541	2,097	959	1,859	1,466	1,266	255	203
Washington...........	3,007	3,555	746	1,114	1,085	1,456	505	260
PAD V Total............	6,685	7,164	6,551	7,986	9,240	9,252	1,824	1,140
U.S. Total.............	197,400	227,361	78,663	92,136	80,216	86,089	29,185	24,205

Note: Table continued on next page. See footnotes at end of Table.

Table 1. Deliveries for All Uses: Distillate Fuel Oil in 1981 and 1980 (Continued)
(Thousands of Barrels)

Destination	Electric Utility[2]		Farm		Military[3]		Railroad		Vessel Bunkering	
	1981	1980	1981	1980[1]	1981	1980	1981	1980[1]	1981	1980[1]
PAD District I										
New England States										
Connecticut	31	108	53	85	0	1	25	83	7	29
Maine	36	64	78	112	49	23	122	161	85	29
Massachusetts	325	412	71	135	294	101	148	200	121	155
New Hampshire	15	15	50	64	4	11	2	5	9	9
Rhode Island	19	30	17	18	23	1	47	0	37	33
Vermont	17	17	92	117	0	1	15	27	6	6
Central Atlantic States										
Delaware	120	193	97	111	49	44	21	22	9	52
District of Columbia	713	1,288	0	0	58	87	17	63	0	1
Maryland	531	1,671	416	518	426	500	622	745	579	620
New Jersey	949	1,956	226	207	142	71	291	275	1,496	1,798
New York	897	760	923	1,203	228	39	1,208	1,209	802	1,027
Pennsylvania	1,686	2,279	1,057	1,322	163	171	2,959	3,833	321	371
Lower Atlantic States										
Florida	2,088	2,533	744	1,079	60	61	1,748	1,743	4,574	2,248
Georgia	439	774	715	1,085	272	237	1,909	2,511	389	420
North Carolina	433	496	1,004	1,437	94	69	916	1,273	87	125
South Carolina	499	667	661	750	130	134	384	437	192	166
Virginia	574	887	351	510	440	268	2,195	2,388	630	762
West Virginia	810	702	79	93	2	24	1,487	1,517	189	143
PAD I Total	10,182	14,852	6,634	8,846	2,434	1,843	14,116	16,492	9,533	7,994
PAD District II										
Illinois	387	970	2,965	3,185	21	552	5,230	6,390	149	251
Indiana	693	835	2,175	2,124	81	10	3,385	3,426	110	79
Iowa	2	39	3,305	3,417	46	29	1,007	1,384	25	25
Kansas	62	43	1,986	2,182	36	11	3,810	4,364	1	1
Kentucky	306	237	611	399	30	45	3,232	3,261	2,202	3,162
Michigan	604	1,049	3,003	2,361	323	386	1,784	1,862	70	62
Minnesota	52	608	3,467	3,619	9	43	1,524	1,653	323	262
Missouri	45	471	2,987	3,130	43	24	1,375	1,512	674	592
Nebraska	93	189	2,646	3,020	5	23	896	1,461	0	12
North Dakota	91	84	1,852	1,825	6	562	1,135	1,165	0	0
Ohio	572	1,858	1,842	2,252	49	87	6,869	6,780	99	137
Oklahoma	32	18	884	1,090	0	82	1,659	700	0	2
South Dakota	35	103	1,331	1,420	21	41	90	155	0	0
Tennessee	243	397	797	774	9	28	2,921	2,667	1,940	999
Wisconsin	60	552	2,121	1,952	28	12	1,014	1,027	168	174
PAD II Total	3,277	7,453	31,972	32,750	707	1,935	35,931	37,807	5,761	5,758
PAD District III										
Alabama	49	128	1,103	1,335	40	91	4,064	4,277	1,434	619
Arkansas	15	335	2,905	2,712	16	29	2,698	2,425	110	94
Louisiana	1,387	2,116	2,081	2,334	1,557	83	3,193	3,114	6,702	5,757
Mississippi	93	299	2,277	2,407	70	42	1,037	1,414	447	331
New Mexico	150	276	335	294	49	12	2,256	2,064	0	0
Texas	380	2,050	8,331	9,069	2,171	6,028	12,916	11,332	10,965	9,686
PAD III Total	2,074	5,204	17,032	18,151	3,903	6,285	26,164	24,626	19,658	16,507
PAD District IV										
Colorado	83	164	1,089	1,248	95	80	1,655	2,256	0	0
Idaho	0	0	1,009	897	85	126	610	927	0	0
Montana	40	94	908	769	4	24	1,455	1,841	0	0
Utah	59	77	156	180	0	9	1,743	1,790	0	0
Wyoming	136	145	312	312	4	14	3,963	3,155	0	0
PAD IV Total	318	480	3,474	3,406	188	253	9,426	9,969	0	0
PAD District V										
Alaska	544	502	21	17	357	332	116	60	955	1,143
Arizona	24	1,003	837	1,022	3	16	1,329	1,181	0	0
California	865	897	7,450	7,002	6,155	4,783	7,894	6,601	2,566	2,363
Hawaii	789	886	450	391	3,193	2,727	10	10	66	28
Nevada	14	83	120	115	12	9	580	854	0	0
Oregon	36	366	705	814	15	54	3,227	2,662	761	152
Washington	69	86	970	1,101	796	901	1,689	1,760	1,725	1,256
PAD V Total	2,341	3,823	10,553	10,462	10,531	8,822	14,845	13,128	6,073	4,942
U.S. Total	18,192	31,812	69,665	73,615	17,763	19,138	100,482	102,022	41,025	35,201

Note: Table continued on next page. See footnotes at end of Table.

Table 1. Deliveries for All Uses: Distillate Fuel Oil in 1981 and 1980 (Continued)
(Thousands of Barrels)

Destination	On-Highway[4]		Off-Highway		Other		Total	
	1981	1980	1981	1980[1]	1981	1980[1]	1981[5]	1980[1]
PAD District I								
New England States								
Connecticut	2,262	2,446	380	427	59	80	19,745	22,499
Maine	1,248	1,349	176	183	109	70	9,266	10,627
Massachusetts	4,419	4,346	282	253	404	96	32,155	37,413
New Hampshire	692	656	113	102	13	11	5,313	5,845
Rhode Island	590	638	25	38	64	68	3,993	5,046
Vermont	753	699	222	196	14	22	3,828	4,076
Central Atlantic States								
Delaware	862	825	78	169	35	48	3,133	3,702
District of Columbia	376	406	10	14	308	139	2,125	3,436
Maryland	4,730	3,891	571	667	461	216	18,365	22,417
New Jersey	7,460	8,066	562	671	635	620	50,973	52,719
New York	7,227	7,814	774	1,066	571	360	64,263	72,515
Pennsylvania	15,311	16,555	2,476	2,582	378	382	59,977	68,066
Lower Atlantic States								
Florida	12,968	11,704	630	1,088	1,124	2,427	29,816	28,520
Georgia	12,067	10,554	171	394	801	810	19,388	19,397
North Carolina	9,526	8,987	370	496	230	168	21,228	23,820
South Carolina	4,968	5,372	193	267	301	141	9,841	10,730
Virginia	9,038	7,466	574	852	376	174	23,638	24,406
West Virginia	2,833	2,904	327	1,079	210	364	9,450	10,340
PAD I Total	97,330	94,678	7,934	10,544	6,093	6,216	386,497	425,574
PAD District II								
Illinois	15,037	14,308	826	1,298	445	813	34,427	36,086
Indiana	13,599	13,551	575	630	469	215	28,961	30,488
Iowa	6,334	6,312	314	324	63	254	14,374	15,793
Kansas	5,468	5,449	331	512	25	38	13,239	13,923
Kentucky	5,911	5,890	947	3,373	378	210	18,217	22,598
Michigan	8,230	7,140	481	668	204	288	26,657	27,841
Minnesota	5,957	5,936	499	748	48	89	18,714	21,826
Missouri	8,460	8,430	732	938	69	80	18,003	18,150
Nebraska	3,438	3,426	199	281	14	10	8,233	9,145
North Dakota	2,035	1,849	190	160	2	93	7,708	8,037
Ohio	16,663	16,604	3,195	2,647	1,770	1,388	44,959	48,397
Oklahoma	8,143	7,144	1,095	1,159	77	317	15,519	12,051
South Dakota	1,714	1,708	97	137	4	15	4,406	4,842
Tennessee	9,112	9,080	417	609	958	607	19,512	18,818
Wisconsin	7,230	7,153	442	584	39	98	20,726	22,539
PAD II Total	117,331	113,980	10,340	14,068	4,565	4,515	293,655	310,534
PAD District III								
Alabama	6,782	7,570	919	1,141	728	592	17,939	19,419
Arkansas	5,458	4,942	733	2,377	165	148	13,116	14,209
Louisiana	10,031	6,756	2,068	1,959	775	779	37,964	32,804
Mississippi	5,298	4,824	991	1,332	815	700	13,487	12,905
New Mexico	5,848	3,939	1,733	1,934	216	246	12,526	10,222
Texas	31,564	28,170	5,465	7,397	1,810	1,063	90,359	95,939
PAD III Total	64,981	56,201	11,909	16,140	4,509	3,528	185,391	185,498
PAD District IV								
Colorado	3,458	3,358	655	838	148	294	8,634	9,665
Idaho	1,331	1,293	639	412	118	79	4,775	4,879
Montana	2,384	2,315	184	384	164	131	6,486	6,626
Utah	2,760	2,609	527	617	254	318	7,115	7,412
Wyoming	2,271	2,206	883	1,702	289	277	12,452	11,375
PAD IV Total	12,204	11,781	2,888	3,953	973	1,099	39,462	39,957
PAD District V								
Alaska	1,067	1,079	269	196	1,046	926	6,548	6,781
Arizona	5,323	5,137	379	769	102	228	9,741	11,330
California	28,423	27,083	2,960	2,815	2,582	2,161	67,494	61,338
Hawaii	423	428	235	247	426	470	6,043	5,915
Nevada	1,813	1,833	158	205	20	52	3,488	4,022
Oregon	5,651	5,714	599	1,558	247	306	16,462	17,051
Washington	5,456	5,517	1,180	1,210	467	493	17,695	18,709
PAD V Total	48,156	46,791	5,780	7,000	4,892	4,636	127,470	125,146
U.S. Total	340,002	323,431	58,851	51,735	21,032	19,994	1,032,476	1,086,709

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[1] Revised to reflect allocation of the unadjusted distillate fuel oil supplied in 1980 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual.

[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

[3] U.S. total based on Defense Fuel Supply Center's DEIS Report. Relative estimates by state are based on the survey EIA-172.

[4] Estimates by state are based on Federal Highway Administration data for highway use of special fuels.

[5] Total deliveries at the national level and at the PAD District level are comparable to the amounts of distillate fuel oil supplied as shown in the "1981 Summary Statistics" chapter of this report.

Note: See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions. Table totals may not equal sum of components due to independent rounding.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
• Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
• Defense Fuel Supply Center, DEIS Report.
• Federal Highway Administration data for highway use of special fuels.
• EIA Report, Supply, Disposition, and Stocks of All Oils by Pad Districts and Imports into the United States, by Country, Final 1980.

Table 2. Deliveries for All Uses: Residual Fuel Oil in 1981 and 1980
(Thousands of Barrels)

Destination	Commercial		Industrial		Oil Company		Electric Utility[2]		Military[3]	
	1981	1980[1]	1981	1980[1]	1981	1980[1]	1981	1980	1981	1980
PAD District I										
New England States										
Connecticut..........	796	1,171	2,435	6,636	35	57	18,598	20,292	0	0
Maine................	364	682	5,290	4,042	0	4	3,774	3,469	0	4
Massachusetts........	3,180	4,861	3,925	2,307	74	105	40,654	44,519	98	12
New Hampshire........	474	374	421	925	0	0	3,891	4,089	0	0
Rhode Island.........	192	180	734	629	0	1	1,241	1,337	0	0
Vermont..............	155	236	192	235	0	0	0	0	0	0
Central Atlantic States										
Delaware.............	1,980	4,271	1,225	1,704	0	0	4,989	5,995	0	0
District of Columbia.	79	38	1	28	0	0	110	286	182	66
Maryland.............	210	1,159	1,454	2,352	99	222	5,759	7,722	63	135
New Jersey...........	6,468	10,965	5,099	10,758	4,192	6,239	10,085	12,400	126	57
New York.............	13,900	25,470	7,549	14,043	221	624	64,047	61,199	932	0
Pennsylvania.........	1,606	1,523	5,263	7,537	2,278	3,878	15,650	16,854	1,085	230
Lower Atlantic States										
Florida..............	825	1,476	5,798	13,421	2,012	35	74,640	70,135	119	217
Georgia..............	9	11	3,156	5,294	16	33	388	128	49	31
North Carolina.......	103	491	5,141	8,464	7	15	0	39	133	49
South Carolina.......	102	36	2,555	4,184	43	67	1,357	1,991	49	33
Virginia.............	384	446	2,608	4,983	66	135	5,681	14,605	293	152
West Virginia........	2	5	726	1,090	273	370	0	0	0	0
PAD I Total............	30,829	53,395	53,572	88,632	9,316	11,785	250,864	265,060	3,129	986
PAD District II										
Illinois.............	1,260	2,585	4,922	7,437	5,033	4,787	10,083	12,853	0	213
Indiana..............	79	2,386	4,511	6,622	2,846	5,119	0	0	98	57
Iowa.................	28	77	58	269	0	0	7	14	7	0
Kansas...............	0	0	363	361	319	627	14	55	0	0
Kentucky.............	18	19	651	567	229	275	0	0	252	105
Michigan.............	114	219	1,555	2,672	350	446	6,490	8,335	217	18
Minnesota............	19	31	954	1,535	196	221	0	268	0	37
Missouri.............	29	545	337	311	262	378	0	25	6	111
Nebraska.............	17	23	37	29	0	0	0	26	0	0
North Dakota.........	61	393	812	108	256	159	0	0	0	0
Ohio.................	28	373	4,023	3,898	954	1,469	234	79	14	0
Oklahoma.............	0	30	108	251	637	438	0	0	0	0
South Dakota.........	14	18	132	82	0	0	2	4	0	0
Tennessee............	77	48	1,033	1,325	28	22	0	0	0	0
Wisconsin............	12	30	640	1,246	109	138	10	76	0	10
PAD II Total...........	1,756	6,777	20,136	26,713	11,219	14,079	16,840	21,735	594	551
PAD District III										
Alabama..............	0	4	2,458	5,306	20	78	0	0	0	475
Arkansas.............	150	626	1,759	2,057	0	0	540	2,789	0	0
Louisiana............	15,529	19,241	10,601	10,716	2,608	6,557	2,825	5,139	37	2,504
Mississippi..........	2,774	4,865	773	2,709	776	372	2,035	4,124	0	0
New Mexico...........	0	0	791	925	0	294	47	79	0	0
Texas................	2,550	3,672	13,377	12,355	15,035	9,665	1,284	853	407	758
PAD III Total..........	21,003	28,408	29,759	34,068	18,439	16,966	6,731	12,964	444	3,737
PAD District IV										
Colorado.............	3	3	125	130	0	1,079	32	141	0	0
Idaho................	29	365	26	95	0	0	0	0	0	0
Montana..............	0	5	462	390	1,996	2,525	0	0	0	0
Utah.................	0	786	908	1,171	72	587	52	12	0	0
Wyoming..............	5	20	151	408	1,622	1,166	0	0	0	0
PAD IV Total...........	37	1,179	1,672	2,194	3,690	5,357	84	153	0	0
PAD District V										
Alaska...............	0	4	1	0	0	0	222	378	7	0
Arizona..............	36	0	21	139	0	0	170	890	0	0
California...........	11,529	6,915	4,275	4,029	6,432	8,703	39,919	75,914	933	459
Hawaii...............	55	26	290	317	782	940	10,471	10,271	127	47
Nevada...............	25	7	40	2	0	0	185	2,494	0	0
Oregon...............	995	890	1,666	2,367	99	178	0	0	0	4
Washington...........	770	433	5,592	5,103	1,693	1,511	0	226	1,774	2,282
PAD V Total............	13,410	8,275	11,885	11,957	9,206	11,332	50,967	90,173	2,841	2,792
U.S. Total.............	67,035	98,034	117,024	163,564	51,870	59,519	325,486	390,105	7,008	8,066

Note: Table continued on next page. See footnotes at end of Table.

Table 2. Deliveries for All Uses: Residual Fuel Oil in 1981 and 1980 (Continued)
(Thousands of Barrels)

Destination	Railroad		Vessel Bunkering		Other		Total	
	1981	1980[1]	1981	1980	1981	1980[1]	1981[5]	1980[1]
PAD District I								
New England States								
Connecticut..........	0	0	4	53	83	0	21,951	28,209
Maine................	6	■	634	201	22	6	10,090	8,413
Massachusetts........	0	2	975	889	767	253	49,673	52,948
New Hampshire........	0	■	49	49	■	■	4,835	5,437
Rhode Island.........	0	0	49	58	11	25	2,227	2,230
Vermont..............	0	0	■	0	4	■	351	471
Central Atlantic States								
Delaware.............	0	421	292	392	185	106	8,671	12,889
District of Columbia.	■	0	0	0	17	26	389	444
Maryland.............	0	■	4,729	4,400	82	100	12,396	16,090
New Jersey...........	0	9	12,287	12,016	22	723	38,279	53,167
New York.............	0	0	10,922	11,367	297	169	97,868	112,872
Pennsylvania.........	0	7	4,144	4,591	314	157	30,340	34,777
Lower Atlantic States								
Florida..............	0	0	6,777	11,437	176	234	90,347	96,955
Georgia..............	0	0	2,633	2,973	0	42	6,251	8,512
North Carolina.......	0	0	292	54	1	2	5,677	9,114
South Carolina.......	4	5	1,024	811	8	0	5,142	7,127
Virginia.............	2	2	3,949	4,288	89	93	13,072	24,704
West Virginia........	0	0	0	0	0	0	1,001	1,465
PAD I Total............	12	451	48,760	53,579	2,078	1,936	398,560	475,824
PAD District II								
Illinois.............	7	■	0	0	94	139	21,399	28,023
Indiana..............	0	0	93	127	11	24	7,638	14,335
Iowa.................	■	0	0	0	0	0	100	360
Kansas...............	1	3	0	0	0	0	697	1,046
Kentucky.............	0	0	0	0	0	0	1,150	966
Michigan.............	30	31	55	176	136	37	8,947	11,934
Minnesota............	0	■	273	926	18	26	1,460	3,044
Missouri.............	0	0	0	0	22	0	656	1,370
Nebraska.............	3	■	■	0	■	0	52	78
North Dakota.........	0	0	■	0	■	41	1,130	701
Ohio.................	0	■	37	256	630	207	5,920	6,282
Oklahoma.............	0	■	■	0	■	0	745	719
South Dakota.........	0	0	0	■	13	11	161	115
Tennessee............	32	6	45	0	24	71	1,239	1,472
Wisconsin............	32	42	46	178	22	31	871	1,751
PAD II Total...........	105	91	549	1,663	971	587	52,170	72,196
PAD District III								
Alabama..............	0	0	2,208	2,927	0	30	4,686	8,820
Arkansas.............	0	0	0	0	0	0	2,449	5,472
Louisiana............	0	0	23,899	28,131	188	398	55,687	72,686
Mississippi..........	0	0	3,117	5,366	250	23	9,725	17,459
New Mexico...........	0	0	0	0	18	7	856	1,305
Texas................	58	123	35,719	44,880	241	883	68,671	73,189
PAD III Total..........	58	123	64,943	81,304	697	1,341	142,075	178,931
PAD District IV								
Colorado.............	0	0	0	0	5	20	165	1,373
Idaho................	0	0	0	0	0	0	55	460
Montana..............	0	0	0	0	61	92	2,519	3,012
Utah.................	0	0	0	0	32	26	1,064	2,584
Wyoming..............	3	0	0	0	228	36	2,009	1,630
PAD IV Total...........	3	0	0	0	326	176	5,812	9,059
PAD District V								
Alaska...............	0	0	0	■	19	15	249	397
Arizona..............	0	0	0	■	0	17	227	1,046
California...........	0	0	63,149	66,330	226	15	126,463	162,365
Hawaii...............	0	0	1,116	1,395	470	255	13,311	13,251
Nevada...............	0	0	■	0	0	0	250	2,503
Oregon...............	0	■	3,644	1,105	3	18	6,407	4,562
Washington...........	0	0	6,471	7,755	5	22	16,505	17,332
PAD V Total............	0	0	74,380	76,585	723	342	163,413	201,456
U.S. Total.............	178	665	188,632	213,131	4,795	4,382	762,030	937,466

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[1] Revised to reflect allocation of the unadjusted residual fuel oil supplied in 1980 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual.

[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

[3] U.S. total based on Defense Fuel Supply Center's DEIS Report. Relative estimates by state are based on the survey EIA-172.

[4] Pad District totals are derived from EIA estimates of intercoastal bunkering and the Census Bureau Report, United States Foreign Trade, Bunker Fuels. Relative estimates by state are based on the survey EIA-172.

[5] Total deliveries at the national level and at the PAD District level are comparable to the amounts of residual fuel oil supplied as shown in the "1981 Summary Statistics" chapter of this report.

Note: See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions. Table totals may not equal sum of components due to independent rounding.

Source: ● Form EIA-172, "Sales of Fuel Oil and Kerosene."
● Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
● Defense Fuel Supply Center, DEIS Report.
● Census Bureau Report, United States Foreign Trade, Bunker Fuels.
● Maritime Administration Report, National Port Assessment 1980-1990.
● EIA Report, Supply, Disposition, and Stocks of All Oils by Pad Districts and Imports into the United States, by Country Final 1980.

Table 3. Deliveries for All Uses: Kerosene in 1981 and 1980
(Thousands of Barrels)

Destination	Residential		Commercial		Industrial		Farm		Other		Total	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981[1]	1980[2]
PAD District I												
New England States												
Connecticut..........	195	233	11	7	6	8	0	0	203	243	415	491
Maine................	233	405	45	70	1	12	1	4	10	13	290	504
Massachusetts........	181	323	9	30	13	13	1	0	226	332	430	698
New Hampshire........	206	322	4	9	0	0	0	0	5	9	215	340
Rhode Island.........	47	54	1	0	2	4	0	0	4	26	54	84
Vermont..............	177	230	26	44	0	0	8	5	1	4	212	283
Central Atlantic States												
Delaware.............	256	275	8	9	0	0	2	13	1	4	267	301
District of Columbia.	2	5	1	1	1	1	0	0	69	261	73	268
Maryland.............	614	830	16	20	15	11	7	11	227	296	879	1,168
New Jersey...........	193	262	57	39	80	64	0	0	1,131	1,329	1,461	1,694
New York.............	1,509	1,723	158	169	82	56	19	32	304	329	2,072	2,309
Pennsylvania.........	1,992	2,362	183	193	118	90	44	44	314	74	2,651	2,763
Lower Atlantic States												
Florida..............	574	774	64	28	7	12	2	0	101	138	748	952
Georgia..............	34	91	18	12	10	22	1	0	209	427	272	552
North Carolina.......	1,939	2,747	45	118	34	37	208	282	130	75	2,356	3,259
South Carolina.......	553	1,200	29	25	21	50	46	45	30	32	679	1,352
Virginia.............	919	1,403	37	46	68	57	65	41	83	169	1,172	1,716
West Virginia........	275	408	16	37	47	15	0	4	24	32	362	496
PAD I Total............	9,899	13,647	728	857	505	452	404	481	3,072	3,793	14,608	19,230
PAD District II												
Illinois.............	149	161	14	16	249	238	34	10	220	181	666	606
Indiana..............	537	492	9	31	82	16	67	73	14	47	709	659
Iowa.................	235	47	14	5	10	21	101	41	14	57	374	171
Kansas...............	10	5	5	10	43	36	24	192	158	249	240	492
Kentucky.............	474	1,751	125	622	110	140	86	0	369	399	1,164	2,912
Michigan.............	206	83	19	15	82	104	9	5	676	1,026	992	1,233
Minnesota............	115	114	5	0	0	0	29	10	0	88	149	212
Missouri.............	76	57	398	171	14	5	53	41	5	41	546	315
Nebraska.............	29	10	10	21	14	0	24	21	10	10	87	62
North Dakota.........	14	5	0	0	0	0	0	10	0	0	14	15
Ohio.................	1,016	1,016	67	130	331	337	76	249	1,261	720	2,751	2,452
Oklahoma.............	15	21	38	15	43	26	91	0	115	280	302	342
South Dakota.........	14	10	0	0	0	5	10	0	0	0	24	15
Tennessee............	901	549	72	104	67	72	0	11	484	798	1,524	1,534
Wisconsin............	72	124	5	57	29	41	9	0	10	0	125	222
PAD II Total...........	3,863	4,445	781	1,197	1,074	1,041	613	663	3,336	3,896	9,667	11,242
PAD District III												
Alabama..............	185	198	57	176	43	110	0	0	241	769	526	1,253
Arkansas.............	42	0	57	132	185	176	28	22	43	241	355	571
Louisiana............	28	0	2,530	549	910	1,779	185	66	3,212	3,317	6,865	5,711
Mississippi..........	29	44	14	0	14	44	0	0	43	154	100	242
New Mexico...........	85	132	526	659	28	109	0	0	128	439	767	1,339
Texas................	114	198	6,808	3,251	810	2,900	256	725	2,757	8,281	10,745	15,355
PAD III Total..........	483	572	9,992	4,767	1,990	5,118	469	813	6,424	13,201	19,358	24,471
PAD District IV												
Colorado.............	60	23	9	6	0	212	43	23	103	149	215	413
Idaho................	0	0	0	0	8	0	0	0	9	0	17	0
Montana..............	0	0	0	0	0	0	9	0	17	0	26	0
Utah.................	26	0	60	34	9	17	0	0	60	51	155	102
Wyoming..............	8	0	0	23	0	33	0	6	61	0	69	62
PAD IV Total...........	94	23	69	63	17	262	52	29	250	200	482	577
PAD District V												
Alaska...............	0	0	0	0	0	0	0	0	36	19	36	19
Arizona..............	0	0	18	0	89	55	0	9	0	9	107	73
California...........	71	18	552	222	107	1,609	53	74	303	194	1,086	2,117
Hawaii...............	0	0	0	0	0	0	0	0	0	9	0	9
Nevada...............	36	0	18	0	0	0	0	0	18	0	72	0
Oregon...............	71	37	53	37	0	19	0	0	18	19	142	112
Washington...........	535	65	18	18	89	0	0	0	106	37	748	120
PAD V Total............	713	120	659	277	285	1,683	53	83	481	287	2,191	2,450
U.S. Total.............	15,052	18,807	12,229	7,161	3,871	8,556	1,591	2,069	13,563	21,377	46,306	57,970

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[1] Total deliveries at the PAD District level are comparable to the amounts of kerosene supplied in the "1981 Summary Statistics" section of this report.

[2] Total deliveries at the PAD District level are comparable to the amounts of kerosene supplied in the EIA Report, Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports into the United States, by Country, Final 1980.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
• EIA Report, Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports into the United States, by Country, Final 1980.

TABLE 4. Deliveries for Residential Use: Distillate Fuel Oil and Kerosene in 1981
(Thousands of Barrels)

Destination	Distillate Fuel Oil No.1	Distillate Fuel Oil No.2	Distillate Fuel Oil Total	Kerosene
PAD District I				
New England States				
Connecticut..........	81	12,898	12,979	195
Maine................	486	4,748	5,234	233
Massachusetts........	182	18,565	18,747	181
New Hampshire........	137	3,348	3,485	206
Rhode Island.........	14	2,559	2,573	47
Vermont..............	42	1,971	2,013	177
Central Atlantic States				
Delaware.............	5	1,026	1,031	256
District of Columbia.	0	282	282	2
Maryland.............	62	6,743	6,805	614
New Jersey...........	184	23,033	23,217	193
New York.............	1,610	33,519	35,129	1,509
Pennsylvania.........	564	23,696	24,260	1,992
Lower Atlantic States				
Florida..............	350	635	985	574
Georgia..............	9	175	184	34
North Carolina.......	298	5,231	5,529	1,939
South Carolina.......	166	1,266	1,432	553
Virginia.............	371	5,214	5,585	919
West Virginia........	37	857	894	275
PAD I Total............	4,598	145,766	150,364	9,899
PAD District II				
Illinois.............	318	2,306	2,624	149
Indiana..............	791	3,319	4,110	537
Iowa.................	391	1,625	2,016	235
Kansas...............	8	11	19	10
Kentucky.............	60	513	573	474
Michigan.............	1,452	6,461	7,913	206
Minnesota............	993	3,836	4,829	115
Missouri.............	548	862	1,410	76
Nebraska.............	126	260	386	29
North Dakota.........	237	831	1,068	14
Ohio.................	809	4,901	5,710	1,016
Oklahoma.............	10	86	96	15
South Dakota.........	229	473	702	14
Tennessee............	12	460	472	901
Wisconsin............	944	6,564	7,508	72
PAD II Total...........	6,928	32,508	39,436	3,863
PAD District III				
Alabama..............	2	15	17	185
Arkansas.............	2	18	20	42
Louisiana............	0	0		26
Mississippi..........	0	2	2	29
New Mexico...........	2	16	18	85
Texas................	2	5	7	114
PAD III Total..........	8	56	64	483
PAD District IV				
Colorado.............	30	24	54	60
Idaho................	146	278	424	0
Montana..............	143	131	274	0
Utah.................	6	67	73	26
Wyoming..............	15	11	26	8
PAD IV Total...........	340	511	851	94
PAD District V				
Alaska...............	195	717	912	0
Arizona..............	0	1	1	0
California...........	19	53	72	71
Hawaii...............	0	1	1	0
Nevada...............	20	131	151	36
Oregon...............	393	2,148	2,541	71
Washington...........	292	2,715	3,007	535
PAD V Total............	919	5,766	6,685	713
U.S. Total.............	12,793	184,607	197,400	15,052

Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 5. Deliveries for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene in 1981
(Thousands of Barrels)

Destination	Distillate Fuel Oil				Residual Fuel Oil	Kerosene
	No.1	No.2	No.4	Total		
PAD District I						
New England States						
Connecticut..........	0	2,076	864	2,940	796	11
Maine................	46	1,657	42	1,745	364	45
Massachusetts........	106	4,304	1,363	5,773	3,180	9
New Hampshire........	0	363	171	534	474	4
Rhode Island.........	1	275	106	382	192	1
Vermont..............	2	422	131	555	155	26
Central Atlantic States						
Delaware.............	7	600	27	634	1,980	8
District of Columbia.	0	195	86	281	79	1
Maryland.............	13	1,431	128	1,572	210	16
New Jersey...........	165	5,845	1,670	7,680	6,468	57
New York.............	223	7,886	4,519	12,628	13,900	158
Pennsylvania.........	140	4,333	699	5,172	1,606	163
Lower Atlantic States						
Florida..............	0	2,368	210	2,578	825	64
Georgia..............	0	892	338	1,230	9	18
North Carolina.......	27	1,299	20	1,346	103	45
South Carolina.......	19	412	3	434	102	29
Virginia.............	17	1,235	147	1,399	384	37
West Virginia........	10	694	8	712	2	16
PAD I Total............	776	36,287	10,532	47,595	30,629	728
PAD District II						
Illinois.............	101	3,946	23	4,070	1,260	14
Indiana..............	70	1,064	8	1,142	79	9
Iowa.................	29	595	0	624	28	14
Kansas...............	6	291	0	297	0	5
Kentucky.............	10	593	0	603	18	125
Michigan.............	165	2,196	12	2,373	114	19
Minnesota............	68	762	7	837	19	5
Missouri.............	30	744	1	775	29	398
Nebraska.............	37	303	0	340	17	10
North Dakota.........	20	373	0	393	61	0
Ohio.................	57	2,543	3	2,603	28	67
Oklahoma.............	56	469	0	525	0	38
South Dakota.........	30	221	0	251	14	0
Tennessee............	1	1,120	0	1,121	77	72
Wisconsin............	53	1,098	4	1,155	12	5
PAD II Total...........	733	16,318	58	17,109	1,756	781
PAD District III						
Alabama..............	2	952	44	998	0	57
Arkansas.............	7	167	2	176	150	57
Louisiana............	0	516	0	518	15,529	2,530
Mississippi..........	0	138	0	138	2,774	14
New Mexico...........	13	670	0	683	0	526
Texas................	949	2,800	0	3,749	2,550	6,808
PAD III Total..........	971	5,245	46	6,262	21,003	9,992
PAD District IV						
Colorado.............	44	268	0	312	3	9
Idaho................	6	116	0	122	29	0
Montana..............	80	301	0	381	0	0
Utah.................	9	197	0	206	0	60
Wyoming..............	17	108	0	125	5	0
PAD IV Total...........	156	990	0	1,146	37	69
PAD District V						
Alaska...............	117	416	0	533	0	0
Arizona..............	1	59	0	60	36	18
California...........	570	3,110	62	3,742	11,529	552
Hawaii...............	9	169	0	178	55	0
Nevada...............	1	332	0	333	25	18
Oregon...............	257	702	0	959	995	53
Washington...........	13	732	1	746	770	18
PAD V Total............	968	5,520	63	6,551	13,410	659
U.S. Total.............	3,604	64,360	10,699	78,663	67,035	12,229

Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 6. Deliveries to Industrial Users and to Oil Companies: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene in 1981
(Thousands of Barrels)

	Industrial Use						Oil Company Use	
	Distillate Fuel Oil				Residual		Distillate	Residual
Destination	No.1	No.2	No.4	Total	Fuel Oil	Kerosene	Fuel Oil	Fuel Oil
PAD District I								
New England States								
Connecticut..........	2	448	508	958	2,435	6	51	35
Maine................	15	130	161	326	5,290	1	58	0
Massachusetts........	5	801	720	1,526	3,925	13	45	74
New Hampshire........	1	224	154	379	421	0	17	0
Rhode Island.........	1	108	99	208	734	2	8	0
Vermont..............	0	94	37	131	192	0	10	0
Central Atlantic States								
Delaware.............	0	135	26	161	1,225	0	36	0
District of Columbia.	0	78	0	78	1	1	2	0
Maryland.............	1	1,384	101	1,486	1,454	15	166	99
New Jersey...........	327	6,417	891	7,635	5,099	80	680	4,192
New York.............	3	2,878	748	3,629	7,549	82	247	221
Pennsylvania.........	17	4,865	584	5,466	5,263	118	728	2,278
Lower Atlantic States								
Florida..............	32	1,759	146	1,937	5,798	7	380	2,012
Georgia..............	2	1,149	7	1,158	3,156	10	53	16
North Carolina.......	10	1,478	123	1,611	5,141	34	82	7
South Carolina.......	0	562	21	583	2,555	21	64	43
Virginia.............	18	1,488	64	1,570	2,608	68	906	66
West Virginia........	7	1,722	5	1,734	726	47	173	273
PAD I Total............	441	25,720	4,415	30,576	53,572	505	3,706	9,316
PAD District II								
Illinois.............	65	1,969	152	2,186	4,922	249	487	5,033
Indiana..............	73	2,318	56	2,447	4,511	82	175	2,846
Iowa.................	19	594	0	613	58	10	25	0
Kansas...............	8	340	6	354	363	43	850	319
Kentucky.............	19	3,284	43	3,346	651	110	78	229
Michigan.............	64	1,469	31	1,564	1,555	82	108	350
Minnesota............	101	951	34	1,086	954	0	83	196
Missouri.............	51	1,190	8	1,249	337	14	184	262
Nebraska.............	15	168	0	183	37	14	33	0
North Dakota.........	184	266	0	450	812	0	486	256
Ohio.................	66	5,125	30	5,221	4,023	331	366	954
Oklahoma.............	13	913	0	926	108	43	2,082	637
South Dakota.........	12	82	0	94	132	0	67	0
Tennessee............	1	1,392	6	1,399	1,033	67	123	28
Wisconsin............	22	879	15	916	640	29	45	109
PAD II Total...........	713	20,940	381	22,034	20,136	1,074	5,192	11,219
PAD District III								
Alabama..............	25	1,716	5	1,746	2,458	43	59	20
Arkansas.............	0	628	0	628	1,759	185	192	0
Louisiana............	57	3,326	212	3,595	10,601	910	6,057	2,608
Mississippi..........	4	661	1,299	1,964	773	14	355	776
New Mexico...........	93	793	0	886	791	28	352	0
Texas................	11	4,821	9	4,841	13,377	810	8,160	15,035
PAD III Total..........	190	11,945	1,525	13,660	29,759	1,990	15,175	18,439
PAD District IV								
Colorado.............	22	924	0	946	125	0	139	0
Idaho................	30	397	1	428	26	6	9	0
Montana..............	19	361	0	380	462	0	312	1,996
Utah.................	23	789	11	823	908	9	514	72
Wyoming..............	187	1,942	0	2,129	151	0	2,314	1,622
PAD IV Total...........	281	4,413	12	4,706	1,672	17	3,288	3,690
PAD District V								
Alaska...............	52	670	0	722	1	0	6	0
Arizona..............	7	1,562	110	1,679	21	89	4	0
California...........	564	3,116	218	3,898	4,275	107	887	6,432
Hawaii...............	0	107	0	107	290	0	163	782
Nevada...............	1	262	20	283	40	0	4	0
Oregon...............	6	1,457	3	1,466	1,666	0	255	99
Washington...........	21	1,064	0	1,085	5,592	89	505	1,893
PAD V Total............	651	8,238	351	9,240	11,865	285	1,824	9,206
U.S. Total.............	2,276	71,256	6,684	80,216	117,024	3,871	29,185	51,870

Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 7. Deliveries to Electric Utilities: Distillate Fuel Oil and Residual Fuel Oil in 1981
(Thousands of Barrels)

Destination	Distillate Fuel Oil[1]	Residual Fuel Oil[1]	Total[1]
PAD District I			
New England States			
Connecticut	31	18,598	18,629
Maine	36	3,774	3,810
Massachusetts	325	40,654	40,979
New Hampshire	15	3,891	3,906
Rhode Island	19	1,241	1,260
Vermont	17	0	17
Central Atlantic States			
Delaware	120	4,989	5,109
District of Columbia	713	110	823
Maryland	531	5,759	6,290
New Jersey	949	10,085	11,034
New York	897	64,047	64,944
Pennsylvania	1,686	15,650	17,336
Lower Atlantic States			
Florida	2,088	74,640	76,728
Georgia	439	388	827
North Carolina	433	0	433
South Carolina	499	1,357	1,856
Virginia	574	5,681	6,255
West Virginia	810	0	810
PAD I Total	10,182	250,864	261,046
PAD District II			
Illinois	387	10,083	10,470
Indiana	693	0	693
Iowa	2	7	9
Kansas	62	14	76
Kentucky	306	0	306
Michigan	604	6,490	7,094
Minnesota	52	0	52
Missouri	45	0	45
Nebraska	93	0	93
North Dakota	91	0	91
Ohio	572	234	806
Oklahoma	32	0	32
South Dakota	35	2	37
Tennessee	243	0	243
Wisconsin	60	10	70
PAD II Total	3,277	16,840	20,117
PAD District III			
Alabama	49	0	49
Arkansas	15	540	555
Louisiana	1,387	2,825	4,212
Mississippi	93	2,035	2,128
New Mexico	150	47	197
Texas	380	1,284	1,664
PAD III Total	2,074	6,731	8,805
PAD District IV			
Colorado	83	32	115
Idaho	0	0	0
Montana	40	0	40
Utah	59	52	111
Wyoming	136	0	136
PAD IV Total	318	84	402
PAD District V			
Alaska	544	222	766
Arizona	24	170	194
California	865	39,919	40,784
Hawaii	789	10,471	11,260
Nevada	14	185	199
Oregon	36	0	36
Washington	69	0	69
PAD V Total	2,341	50,967	53,308
U.S. Total	18,192	325,486	343,678

[1] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.
Note: For further information about alternate source data, see Explanatory Note 2.
Source: Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."

Table 8. Deliveries for Transportation Use: Distillate Fuel Oil and Residual Fuel Oil in 1981
(Thousands of Barrels)

Destination	Railroad		Vessel Bunkering		On-Highway Diesel[2]	Total Transportation Use	
	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil[1]	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
PAD District I							
New England States							
Connecticut..........	25	0	7	4	2,262	2,294	4
Maine................	122	6	85	634	1,248	1,455	640
Massachusetts........	148	0	121	975	4,419	4,688	975
New Hampshire........	2	0	9	49	692	703	49
Rhode Island.........	47	0	37	49	590	674	49
Vermont..............	15	0	6	0	753	774	0
Central Atlantic States							
Delaware.............	21	0	9	292	862	892	292
District of Columbia.	17	0	0	0	376	393	0
Maryland.............	622	0	579	4,729	4,730	5,931	4,729
New Jersey...........	291	0	1,496	12,287	7,460	9,247	12,287
New York.............	1,208	0	802	10,922	7,227	9,237	10,922
Pennsylvania.........	2,959	0	321	4,144	15,311	18,591	4,144
Lower Atlantic States							
Florida..............	1,748	0	4,574	6,777	12,968	19,290	6,777
Georgia..............	1,909	0	389	2,633	12,067	14,365	2,633
North Carolina.......	916	0	87	292	9,526	10,529	292
South Carolina.......	384	4	192	1,024	4,968	5,544	1,028
Virginia.............	2,195	2	630	3,949	9,038	11,863	3,951
West Virginia........	1,487	0	189	0	2,833	4,509	0
PAD I Total............	14,116	12	9,533	48,760	97,330	120,979	48,772
PAD District II							
Illinois.............	5,230	7	149	0	15,037	20,416	7
Indiana..............	3,385	0	110	93	13,599	17,094	93
Iowa.................	1,007	0	25	0	6,334	7,366	0
Kansas...............	3,810	1	1	0	5,468	9,279	1
Kentucky.............	3,232	0	2,202	0	5,911	11,345	0
Michigan.............	1,784	30	70	55	8,230	10,084	85
Minnesota............	1,524	0	323	273	5,957	7,804	273
Missouri.............	1,375	0	674	0	8,460	10,509	0
Nebraska.............	896	3	0	0	3,438	4,334	3
North Dakota.........	1,135	0	0	0	2,035	3,170	0
Ohio.................	6,869	0	99	37	16,663	23,631	37
Oklahoma.............	1,659	0	0	0	8,143	9,802	0
South Dakota.........	90	0	0	0	1,714	1,804	0
Tennessee............	2,921	32	1,940	45	9,112	13,973	77
Wisconsin............	1,014	32	168	46	7,230	8,412	78
PAD II Total...........	35,931	105	5,761	549	117,331	159,023	654
PAD District III							
Alabama..............	4,064	0	1,434	2,208	6,782	12,280	2,208
Arkansas.............	2,698	0	110	0	5,458	8,266	0
Louisiana............	3,193	0	6,702	23,899	10,031	19,926	23,899
Mississippi..........	1,037	0	447	3,117	5,298	6,782	3,117
New Mexico...........	2,256	0	0	0	5,848	8,104	0
Texas................	12,916	58	10,965	35,719	31,564	55,445	35,777
PAD III Total..........	26,164	58	19,658	64,943	64,981	110,803	65,001
PAD District IV							
Colorado.............	1,655	0	0	0	3,458	5,113	0
Idaho................	610	0	0	0	1,331	1,941	0
Montana..............	1,455	0	0	0	2,384	3,839	0
Utah.................	1,743	0	0	0	2,760	4,503	0
Wyoming..............	3,963	3	0	0	2,271	6,234	3
PAD IV Total...........	9,426	3	0	0	12,204	21,630	3
PAD District V							
Alaska...............	116	0	955	0	1,067	2,138	0
Arizona..............	1,329	0	0	0	5,323	6,652	0
California...........	7,894	0	2,566	63,149	28,423	38,883	63,149
Hawaii...............	10	0	66	1,116	423	499	1,116
Nevada...............	580	0	0	0	1,813	2,393	0
Oregon...............	3,227	0	761	3,644	5,651	9,639	3,644
Washington...........	1,689	0	1,725	6,471	5,456	8,870	6,471
PAD V Total............	14,845	0	6,073	74,380	48,156	69,074	74,380
U.S. Total.............	100,482	178	41,025	188,632	340,002	481,509	188,810

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[1] PAD District totals are derived from EIA estimates of intercoastal bunkering and the Census Bureau Report, United States Foreign Trade, Bunker Fuels. Relative estimates by state are based on the survey EIA-172.

[2] Estimates by state are based on Federal Highway Administration data for highway use of special fuels.

Note: For further information about alternate source data, see Explanatory Note 2.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
• Federal Highway Administration data for highway use of special fuels.
• Census Bureau Report, United States Foreign Trade, Bunker Fuels.

Table 9. Deliveries for Military Use: Distillate Fuel Oil and Residual Fuel Oil in 1981
(Thousands of Barrels)

Destination	Distillate Fuel Oil			Residual Fuel Oil[1].
	Diesel	Other Distillate	Total[1]	
PAD District I				
New England States				
Connecticut..........	0	0	0	0
Maine................	47	2	49	0
Massachusetts........	42	252	294	98
New Hampshire........	3	1	4	0
Rhode Island.........	3	20	23	0
Vermont..............	0	0	0	0
Central Atlantic States				
Delaware.............	2	47	49	0
District of Columbia.	10	48	58	182
Maryland.............	62	364	426	63
New Jersey...........	11	131	142	126
New York.............	12	216	228	932
Pennsylvania.........	70	93	163	1,085
Lower Atlantic States				
Florida..............	58	2	60	119
Georgia..............	125	147	272	49
North Carolina.......	12	82	94	133
South Carolina.......	72	58	130	49
Virginia.............	43	397	440	293
West Virginia........	0	2	2	0
PAD I Total............	572	1,862	2,434	3,129
PAD District II				
Illinois.............	15	6	21	0
Indiana..............	4	77	81	98
Iowa.................	44	2	46	7
Kansas...............	24	12	36	0
Kentucky.............	8	22	30	252
Michigan.............	93	230	323	217
Minnesota............	8	1	9	0
Missouri.............	31	12	43	6
Nebraska.............	5	0	5	0
North Dakota.........	5	1	6	0
Ohio.................	49	0	49	14
Oklahoma.............	0	0	0	0
South Dakota.........	18	3	21	0
Tennessee............	9	0	9	0
Wisconsin............	24	4	28	0
PAD II Total...........	337	370	707	594
PAD District III				
Alabama..............	38	2	40	0
Arkansas.............	16	0	16	0
Louisiana............	1,555	2	1,557	37
Mississippi..........	58	12	70	0
New Mexico...........	49	0	49	0
Texas................	2,171	0	2,171	407
PAD III Total..........	3,887	16	3,903	444
PAD District IV				
Colorado.............	95	0	95	0
Idaho................	85	0	85	0
Montana..............	4	0	4	0
Utah.................	0	0	0	0
Wyoming..............	4	0	4	0
PAD IV Total...........	188	0	188	0
PAD District V				
Alaska...............	4	353	357	7
Arizona..............	3	0	3	0
California...........	4,824	1,331	6,155	933
Hawaii...............	21	3,172	3,193	127
Nevada...............	10	2	12	0
Oregon...............	12	3	15	0
Washington...........	590	206	796	1,774
PAD V Total............	5,464	5,067	10,531	2,841
U.S. Total.............	10,448	7,315	17,763	7,008

[1] U.S. total is based on Defense Fuel Supply Center's DEIS Report. Relative estimates by state are based on the survey EIA-172.

Note: For further information about alternate source data, see Explanatory Note 2.

Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."
Defense Fuel Supply Center, DEIS Report.

Table 10. Deliveries for Farm Use: Distillate Fuel Oil and Kerosene in 1981
(Thousands of Barrels)

Destination	Distillate Fuel Oil			Kerosene
	Diesel	Other Distillate	Total	
PAD District I				
New England States				
Connecticut..........	49	4	53	0
Maine................	64	14	78	1
Massachusetts........	53	18	71	1
New Hampshire........	36	14	50	0
Rhode Island.........	15	2	17	0
Vermont..............	73	19	92	8
Central Atlantic States				
Delaware.............	84	13	97	2
District of Columbia.	0	0	0	0
Maryland.............	373	43	416	7
New Jersey...........	146	80	226	0
New York.............	754	169	923	19
Pennsylvania.........	811	246	1,057	44
Lower Atlantic States				
Florida..............	695	49	744	2
Georgia..............	708	7	715	1
North Carolina.......	812	192	1,004	208
South Carolina.......	529	132	661	46
Virginia.............	312	39	351	65
West Virginia........	79	0	79	0
PAD I Total............	5,593	1,041	6,634	404
PAD District II				
Illinois.............	2,787	178	2,965	34
Indiana..............	1,968	207	2,175	67
Iowa.................	2,978	327	3,305	101
Kansas...............	1,918	68	1,986	24
Kentucky.............	575	36	611	86
Michigan.............	2,436	567	3,003	9
Minnesota............	3,147	320	3,467	29
Missouri.............	2,612	375	2,987	53
Nebraska.............	2,377	269	2,646	24
North Dakota.........	1,539	313	1,852	0
Ohio.................	1,656	186	1,842	76
Oklahoma.............	868	16	884	91
South Dakota.........	1,150	181	1,331	10
Tennessee............	793	4	797	0
Wisconsin............	1,651	470	2,121	9
PAD II Total...........	28,455	3,517	31,972	613
PAD District III				
Alabama..............	800	303	1,103	0
Arkansas.............	2,343	562	2,905	28
Louisiana............	2,015	66	2,081	185
Mississippi..........	2,267	10	2,277	0
New Mexico...........	335	0	335	0
Texas................	8,292	39	8,331	256
PAD III Total..........	16,052	980	17,032	469
PAD District IV				
Colorado.............	1,075	14	1,089	43
Idaho................	996	13	1,009	0
Montana..............	846	62	908	9
Utah.................	151	5	156	0
Wyoming..............	189	123	312	0
PAD IV Total...........	3,257	217	3,474	52
PAD District V				
Alaska...............	11	10	21	0
Arizona..............	827	10	837	0
California...........	7,419	31	7,450	53
Hawaii...............	427	23	450	0
Nevada...............	114	6	120	0
Oregon...............	669	36	705	0
Washington...........	916	54	970	0
PAD V Total............	10,383	170	10,553	53
U.S. Total.............	63,740	5,925	69,665	1,591

Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 11. Deliveries For All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene in 1981
(Thousands of Barrels)

Destination	Off-Highway Diesel Distillate Fuel Oil			Other		
	Construction	Other	Total	Distillate Fuel Oil	Residual Fuel Oil	Kerosene
PAD District I						
New England States						
Connecticut..........	338	42	380	59	83	203
Maine................	92	84	176	109	22	10
Massachusetts........	236	46	282	404	767	226
New Hampshire........	102	11	113	13	0	5
Rhode Island.........	21	4	25	64	11	4
Vermont..............	54	168	222	14	4	1
Central Atlantic States						
Delaware.............	64	14	78	35	185	1
District of Columbia.	9	1	10	308	17	69
Maryland.............	358	213	571	461	82	227
New Jersey...........	390	172	562	635	22	1,131
New York.............	651	123	774	571	297	304
Pennsylvania.........	923	1,553	2,476	378	314	314
Lower Atlantic States						
Florida..............	613	17	630	1,124	176	101
Georgia..............	132	39	171	801	0	209
North Carolina.......	244	126	370	230	1	130
South Carolina.......	140	53	193	301	8	30
Virginia.............	340	234	574	376	89	83
West Virginia........	221	106	327	210	0	24
PAD I Total............	4,928	3,006	7,934	6,093	2,078	3,072
PAD District II						
Illinois.............	734	92	826	445	94	220
Indiana..............	436	139	575	469	11	14
Iowa.................	222	92	314	63	0	14
Kansas...............	166	165	331	25	0	158
Kentucky.............	389	558	947	378	0	369
Michigan.............	357	124	481	204	136	676
Minnesota............	420	79	499	48	18	0
Missouri.............	677	55	732	69	22	5
Nebraska.............	170	29	199	14	0	10
North Dakota.........	168	22	190	2	1	0
Ohio.................	643	2,552	3,195	1,770	630	1,261
Oklahoma.............	649	446	1,095	77	0	115
South Dakota.........	87	10	97	4	13	0
Tennessee............	362	55	417	958	24	484
Wisconsin............	383	59	442	39	22	10
PAD II Total...........	5,863	4,477	10,340	4,565	971	3,336
PAD District III						
Alabama..............	603	316	919	728	0	241
Arkansas.............	557	176	733	165	0	43
Louisiana............	1,328	740	2,068	775	188	3,212
Mississippi..........	647	344	991	815	250	43
New Mexico...........	1,636	97	1,733	216	18	128
Texas................	3,062	2,403	5,465	1,810	241	2,757
PAD III Total..........	7,833	4,076	11,909	4,509	697	6,424
PAD District IV						
Colorado.............	611	44	655	148	5	103
Idaho................	575	64	639	118	0	9
Montana..............	128	56	184	164	61	17
Utah.................	389	138	527	254	32	60
Wyoming..............	644	239	883	289	228	61
PAD IV Total...........	2,347	541	2,888	973	326	250
PAD District V						
Alaska...............	181	88	269	1,046	19	36
Arizona..............	373	6	379	102	0	0
California...........	2,859	101	2,960	2,582	226	303
Hawaii...............	224	11	235	428	470	0
Nevada...............	152	6	158	20	0	18
Oregon...............	348	251	599	247	3	18
Washington...........	822	358	1,180	467	5	106
PAD V Total............	4,959	821	5,780	4,892	723	481
U.S. Total.............	25,930	12,921	38,851	21,032	4,795	13,563

Source: Form-EIA-172, "Sales of Fuel Oil and Kerosene."

Table 12. Deliveries of Distillate Fuel Oil by Use in the United States: 1977-81
(Thousands of Barrels)

Use	1977	1978	1979[1]	1980[1]	1981
Heating[2]	538,845	533,069	NA	NA	NA
Residential[2]	NA	NA	270,306 90%	227,361	197,400 .96%
Commercial[2]	NA	NA	99,723 76	92,136	78,663 82
Industrial[2]	96,502	94,797	99,583 80	86,089	80,216 .89
Farm[1]	NA	NA	84,926	73,615	69,665
Subtotal[2]	635,347	627,866	554,533	479,201	425,944
Oil company	19,954	19,410	22,043	24,205	29,185
Electric utility[3]	76,681	77,175	46,579	31,812	18,192
Railroad[4]	99,306	99,841	103,493	102,022	100,482
Vessel bunkering	33,512	37,591	41,725	35,201	41,025
On-highway diesel[5]	264,412	290,943	327,402	323,431	340,002
Military[6]	20,121	20,320	18,570	19,138	17,763
Off-highway diesel	66,452	69,856	65,212	51,705	38,851
All other	14,394	14,059	34,812	19,994	21,032
U.S. Total	1,230,179	1,257,061	1,214,374	1,086,709	1,032,476

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[1] Revised to reflect allocation of the unadjusted distillate fuel oil supplied in 1979 and 1980 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual. See Table 15 for revised 1979 state level data by end use category, and Table I for revised 1980 state level data.

[2] For a general comparison, the sum of the heating plus industrial uses for 1978 and prior years is related to the sum of the residential, commercial, industrial, and farm uses for 1979 through 1981.

[3] Calculated from EIA data on electric utility stocks, amount burned, and deliveries. Data for 1978 and prior years contain a small amount of kerosene-type jet fuel used at utilities.

[4] Based on American Association of Railroads information on fuel consumed by all railroads for 1979.

[5] Based on Federal Highway Administration's "Highway Use of Special Fuels."

[6] Based on Defense Fuel Supply Center's DEIS Report for 1979 through 1981.

NA=Not Available.

Note: See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions.

Source:
- Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1981.
- Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978 and prior years.
- Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
- American Association of Railroads statistics for Railroads of Class I, Amtrak, Class II Line-Haul, and Switching and Terminal Companies.
- Federal Highway Administration data for highway use of special fuels.
- Defense Fuel Supply Center, DEIS Report.
- EIA Report, Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States, by Country, Final 1979 and 1980.

Table 13. Deliveries of Residual Fuel Oil by Use in the United States: 1977-81
(Thousands of Barrels)

Use	1977	1978	1979[1]	1980[1]	1981
Heating[2]	168,279	164,536	NA	NA	NA
Commercial[2]	NA	NA	82,729	98,034	67,035
Industrial[2]	171,967	169,403	198,759	163,564	117,024
Subtotal[2]	340,246	333,939	281,488	261,598	184,059
Oil company	60,582	57,690	51,062	59,519	51,870
Electric utility[3]	569,429	533,193	486,636	390,105	325,486
Railroad	329	206	245	665	178
Vessel bunkering[4]	128,966	157,495	190,543	213,131	188,632
Military[5]	16,646	16,583	7,736	8,066	7,008
All other	4,729	4,127	16,900	4,382	4,795
U.S. Total	1,120,927	1,103,233	1,034,610	937,466	762,030

[1] Revised to reflect allocation of the unadjusted residual fuel oil supplied in 1979 and 1980 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual. See Table 16 for revised 1979 state level data by end use category, and Table 2 for revised 1980 state level data.

[2] For a general comparison, the sum of the heating plus industrial uses for 1978 and prior years is related to the sum of the commercial plus industrial uses for 1979 through 1981.

[3] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

[4] Based on EIA estimates of intercoastal bunkering and the Census Bureau Report, United States Foreign Trade, Bunker Fuels.

[5] Based on Defense Fuel Supply Center's DEIS Report, for 1979 through 1981.

NA=Not Available.

Note: See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions. Table totals may not equal sum of components due to independent rounding.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1981.
• Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978 and prior years.
• Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
• Census Bureau Report, United States Foreign Trade, Bunker Fuels.
• Maritime Administration Report, National Port Assessment 1980-1990.
• Defense Fuel Supply Center, DEIS Report.
• EIA Report, Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States, by Country, Final 1979 and 1980.

Table 14. Deliveries of Kerosene by Use in the United States: 1977-81
(Thousands of Barrels)

Use	1977	1978	1979	1980	1981
Heating[1]	46,227	44,090	NA	NA	NA
Residential[1]	NA	NA	23,426	18,807	15,052
Commercial[1]	NA	NA	13,844	7,161	12,229
Industrial[1]	NA	NA	5,342	8,556	3,871
Subtotal[1]	46,227	44,090	42,612	34,524	31,152
Farm[2]	NA	NA	1,646	2,069	1,591
All other[2]	18,208	19,952	24,312	21,377	13,563
Subtotal[2]	18,208	19,952	25,958	23,446	15,154
U.S. Total	64,435	64,042	68,570	57,970	46,306

[1] For a general comparison, the heating use for 1978 and prior years is related to the sum of the residential, commercial, and industrial uses for 1979 through 1981.

[2] For a general comparison, the other use for 1978 and prior years is related to the sum of the farm and all other uses for 1979 through 1981.

NA=Not Available.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1981.
• Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978 and prior years.
• EIA Report, Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States, by Country, Final 1979 and 1980.

Table 15. Deliveries of Distillate Fuel Oil for All Uses in 1979, Based on Unadjusted Product Supplied[1]
(Thousands of Barrels)

Destination	Residential	Commercial	Industrial	Oil Company	Electric Utility[2]	Farm	Military[3]
PAD District I							
New England States							
Connecticut..........	17,440	5,666	1,588	68	92	100	2
Maine................	7,097	1,495	278	5	72	130	39
Massachusetts........	25,601	8,930	1,430	28	335	120	331
New Hampshire........	4,203	436	198	9	20	86	28
Rhode Island.........	4,829	1,212	289	11	0	19	4
Vermont..............	3,139	641	171	10	38	85	17
Central Atlantic States							
Delaware.............	1,439	554	320	1	279	121	13
District of Columbia.	823	664	26	9	1,748	37	292
Maryland.............	9,095	3,541	2,076	121	1,154	412	854
New Jersey...........	20,937	7,070	4,826	121	1,941	172	80
New York.............	43,320	14,681	9,621	180	1,077	1,280	241
Pennsylvania.........	31,564	5,486	6,643	1,690	2,971	1,229	260
Lower Atlantic States							
Florida..............	1,042	2,114	1,471	170	4,134	954	1,467
Georgia..............	296	844	1,757	62	675	820	552
North Carolina.......	9,194	1,806	2,444	96	438	1,421	72
South Carolina.......	1,928	573	872	73	553	666	238
Virginia.............	12,724	2,710	2,440	64	1,543	440	1,289
West Virginia........	1,269	464	2,324	178	786	24	45
PAD I Total............	195,940	58,887	38,774	2,896	17,856	8,116	5,824
PAD District II							
Illinois.............	7,909	2,494	2,239	646	3,800	3,448	102
Indiana..............	7,321	2,545	2,633	156	1,388	3,762	20
Iowa.................	3,147	1,262	1,284	33	1,098	4,355	31
Kansas...............	359	777	400	517	607	3,562	93
Kentucky.............	786	1,629	2,604	118	204	464	145
Michigan.............	10,904	2,015	1,382	127	1,377	2,322	167
Minnesota............	6,779	1,657	2,359	58	584	3,809	41
Missouri.............	1,675	1,386	1,751	88	1,060	3,811	39
Nebraska.............	430	432	415	15	404	4,603	41
North Dakota.........	1,509	342	250	111	388	2,023	531
Ohio.................	7,328	1,455	4,198	275	2,958	1,594	5
Oklahoma.............	6	196	280	376	124	930	2
South Dakota.........	896	355	81	19	141	2,022	82
Tennessee............	355	885	3,149	326	763	818	629
Wisconsin............	11,602	1,881	1,680	50	1,454	4,769	17
PAD II Total...........	61,006	19,313	24,705	2,915	16,350	42,292	1,945
PAD District III							
Alabama..............	110	813	3,632	26	137	666	754
Arkansas.............	513	292	738	667	406	3,664	24
Louisiana............	51	7,193	4,891	4,445	1,620	1,700	32
Mississippi..........	180	219	964	336	254	1,462	78
New Mexico...........	7	235	974	75	636	413	2
Texas................	892	5,507	11,019	5,900	568	11,175	824
PAD III Total..........	1,753	14,259	22,218	11,449	3,623	19,080	1,714
PAD District IV							
Colorado.............	275	228	579	56	838	1,249	102
Idaho................	737	256	911	14	5	1,187	139
Montana..............	555	631	376	215	163	1,010	26
Utah.................	192	700	925	86	118	214	95
Wyoming..............	31	76	1,656	579	156	774	2
PAD IV Total...........	1,790	1,893	4,447	950	1,280	4,434	364
PAD District V							
Alaska...............	926	287	609	3	967	19	323
Arizona..............	200	448	1,433	36	1,805	971	37
California...........	1,059	1,392	4,211	2,363	2,667	7,391	4,150
Hawaii...............	2	259	170	581	278	318	3,888
Nevada...............	208	102	218	2	35	108	2
Oregon...............	2,658	1,377	1,562	283	1,630	761	108
Washington...........	4,764	1,506	1,236	565	68	1,436	215
PAD V Total............	9,817	5,371	9,439	3,833	7,470	11,004	8,723
U.S. Total.............	270,306	99,723	99,583	22,043	46,579	84,926	16,570

Note: Table continued on next page. See footnotes at end of Table.

Table 15. Deliveries of Distillate Fuel Oil for All Uses in 1979, Based on Unadjusted Product Supplied[1] (Continued)
(Thousands of Barrels)

Destination	Railroad[4]	Vessel Bunkering	On-Highway Diesel[5]	Off-Highway Diesel	Other	Total
PAD District I						
New England States						
Connecticut..........	197	57	2,426	205	75	27,916
Maine................	259	137	1,384	200	122	11,216
Massachusetts........	300	182	4,291	466	333	42,347
New Hampshire........	10	0	645	86	20	5,741
Rhode Island.........	0	68	544	43	23	7,042
Vermont..............	155	11	736	335	51	5,389
Central Atlantic States						
Delaware.............	21	57	654	78	148	3,685
District of Columbia.	134	0	428	27	176	4,364
Maryland.............	1,118	843	3,524	728	505	23,971
New Jersey...........	2,122	1,947	7,062	795	3,374	50,447
New York.............	2,318	1,480	8,074	1,237	4,940	88,449
Pennsylvania.........	5,402	808	15,311	3,901	1,386	76,651
Lower Atlantic States						
Florida..............	1,449	2,870	10,085	581	1,747	28,084
Georgia..............	1,501	592	10,611	216	766	18,692
North Carolina.......	3,167	717	9,240	547	262	29,404
South Carolina.......	797	308	5,485	279	122	11,894
Virginia.............	3,860	1,048	6,404	930	274	33,726
West Virginia........	2,256	262	1,836	1,127	333	10,904
PAD I Total............	25,066	11,387	88,740	11,781	14,657	479,924
PAD District II						
Illinois.............	8,714	240	16,828	1,634	530	48,584
Indiana..............	4,181	66	12,953	439	189	35,653
Iowa.................	1,708	17	6,957	544	159	20,595
Kansas...............	4,864	0	5,511	1,820	450	18,960
Kentucky.............	2,753	4,039	5,553	1,938	375	20,608
Michigan.............	2,142	99	8,816	1,244	297	30,892
Minnesota............	2,142	289	7,212	782	357	26,069
Missouri.............	1,873	471	8,916	1,105	605	22,780
Nebraska.............	2,577	8	3,434	209	33	12,601
North Dakota.........	869	0	1,939	220	86	8,268
Ohio.................	2,163	347	16,935	6,273	1,421	44,952
Oklahoma.............	590	25	7,369	3,967	252	14,119
South Dakota.........	290	0	1,882	369	29	6,166
Tennessee............	3,126	2,486	9,631	1,195	141	23,504
Wisconsin............	1,480	173	7,618	567	193	31,504
PAD II Total...........	39,472	8,260	121,554	22,326	5,117	365,255
PAD District III						
Alabama..............	373	1,126	6,731	916	712	15,996
Arkansas.............	1,283	662	5,096	2,372	444	16,163
Louisiana............	2,008	5,531	6,819	2,215	719	37,224
Mississippi..........	517	696	4,443	2,378	750	12,277
New Mexico...........	1,387	0	3,757	2,760	185	10,431
Texas................	8,311	8,545	29,622	8,705	5,291	96,359
PAD III Total..........	13,879	16,560	56,468	19,346	8,101	188,450
PAD District IV						
Colorado.............	2,639	0	3,603	610	272	10,451
Idaho................	921	0	1,932	303	97	6,504
Montana..............	1,573	0	2,535	432	258	7,774
Utah.................	1,884	0	2,623	874	439	8,150
Wyoming..............	2,525	0	2,202	1,800	262	10,063
PAD IV Total...........	9,542	0	12,895	4,019	1,328	42,942
PAD District V						
Alaska...............	72	1,076	284	433	809	5,808
Arizona..............	1,511	0	5,328	675	750	13,194
California...........	7,607	2,147	28,574	3,904	2,639	68,104
Hawaii...............	0	33	399	181	342	6,451
Nevada...............	548	0	1,590	324	52	3,189
Oregon...............	3,550	419	5,618	943	372	19,281
Washington...........	2,246	1,843	5,952	1,280	645	21,776
PAD V Total............	15,534	5,518	47,745	7,740	5,609	137,803
U.S. Total.............	103,493	41,725	327,402	65,212	34,812	1,214,374

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[1] Revised to reflect allocation of the unadjusted distillate fuel oil supplied in 1979 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual.

[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

[3] U.S. total based on Defense Fuel Supply Center's DEIS Report. Relative estimates by state are based on the survey EIA-172.

[4] U.S. total based on American Association of Railroads information on fuel consumed by all railroads. Relative estimates by state are based on the survey EIA-172.

[5] Estimates by state are based on Federal Highway Administration data for highway use of special fuels.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
• Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
• Defense Fuel Supply Center, DEIS Report.
• American Association of Railroads statistics for Railroads of Class I, Amtrak, Class II Line-Haul, and Switching and Terminal Companies.
• Federal Highway Administration data for highway use of special fuels.
• EIA Report, Supply, Disposition, and Stocks of All Oils by Pad Districts and Imports into the United States, by Country, Final 1979.

Table 16. Deliveries of Residual Fuel Oil for All Uses in 1979, Based on Unadjusted Product Supplied[1]
(Thousand of Barrels)

Destination	Commercial	Industrial	Oil Company	Electric Utility[2]	Military[3]	Railroad	Vessel Bunkering[4]	Other	Total
PAD District I									
New England States									
Connecticut..........	575	7,870	86	18,511	0	0	50	149	27,241
Maine................	401	7,006	5	2,515	58	2	697	54	10,738
Massachusetts........	3,817	6,566	38	46,660	605	0	946	326	58,958
New Hampshire........	15	601	1	4,618	873	0	0	1	6,109
Rhode Island.........	271	855	2	1,096	40	0	100	23	2,387
Vermont..............	159	178	0	0	0	0	0	0	337
Central Atlantic States									
Delaware.............	1,696	2,098	0	6,732	0	0	547	0	11,073
District of Columbia.	82	53	0	582	0	0	50	0	767
Maryland.............	1,108	4,372	23	13,809	13	0	4,131	395	23,851
New Jersey...........	10,588	14,665	7,397	18,336	0	0	7,615	2,379	60,980
New York.............	22,583	17,263	1,024	69,748	1,127	0	11,198	7,401	130,344
Pennsylvania.........	3,200	13,150	5,301	18,402	74	[illegible]	4,728	500	45,365
Lower Atlantic States									
Florida..............	2,595	12,091	72	72,213	268	0	11,194	289	98,722
Georgia..............	97	7,528	14	2,139	2	0	3,484	104	13,368
North Carolina.......	374	11,257	17	0	30	0	100	111	11,889
South Carolina.......	381	6,304	20	3,697	50	6	747	44	11,249
Virginia.............	207	6,280	119	22,888	305	4	4,181	36	34,020
West Virginia........	9	1,603	369	0	0	1	0	0	1,982
PAD I Total............	48,158	119,740	14,488	301,946	3,445	23	49,768	11,812	549,380
PAD District II									
Illinois.............	3,916	6,503	3,551	11,391	291	18	0	1,005	26,675
Indiana..............	2,085	9,128	4,680	0	32	0	102	244	16,271
Iowa.................	223	534	0	0	0	0	0	79	836
Kansas...............	47	929	1,494	2,326	0	24	0	10	4,830
Kentucky.............	11	707	383	0	50	0	0	0	1,151
Michigan.............	455	2,892	184	14,798	29	22	155	12	18,547
Minnesota............	109	817	257	921	69	0	354	168	2,695
Missouri.............	1,153	884	546	431	146	2	0	34	3,196
Nebraska.............	102	37	0	470	0	13	0	0	622
North Dakota.........	406	156	190	0	42	0	0	7	801
Ohio.................	1,264	4,269	1,090	1,503	0	0	720	828	9,674
Oklahoma.............	214	238	329	39	0	0	0	0	820
South Dakota.........	43	81	0	37	0	0	0	5	166
Tennessee............	3	2,017	90	0	104	0	61	1	2,276
Wisconsin............	199	1,134	127	68	8	38	287	54	1,915
PAD II Total...........	10,230	30,326	12,921	31,984	771	117	1,679	2,447	90,475
PAD District III									
Alabama..............	1	5,504	2,229	0	0	0	3,553	7	11,294
Arkansas.............	1,088	3,277	73	7,375	0	0	0	0	11,813
Louisiana............	10,126	9,595	7,654	13,377	32	0	21,629	946	63,359
Mississippi..........	6,571	3,842	285	11,311	27	0	2,704	0	24,740
New Mexico...........	0	230	20	313	0	0	[illegible]	33	596
Texas................	1,222	15,433	4,177	2,149	114	87	49,362	662	73,206
PAD III Total..........	19,008	37,881	14,438	34,525	173	87	77,248	1,648	185,008
PAD District IV									
Colorado.............	10	243	90	655	0	2	0	41	1,041
Idaho................	0	241	0	0	337	2	0	0	580
Montana..............	8	3,215	875	0	8	2	0	80	4,188
Utah.................	474	1,041	552	190	0	0	0	117	2,374
Wyoming..............	21	245	1,824	0	0	6	0	86	2,182
PAD IV Total...........	513	4,985	3,341	845	345	12	0	324	10,365
PAD District V									
Alaska...............	12	0	0	0	0	0	309	0	321
Arizona..............	81	51	45	4,830	0	0	0	25	5,032
California...........	4,124	2,098	4,711	100,119	1,185	5	47,808	378	160,428
Hawaii...............	16	323	383	10,407	56	0	1,237	219	12,641
Nevada...............	1	1	0	1,539	0	0	0	0	1,541
Oregon...............	423	1,217	107	0	0	1	3,773	5	5,526
Washington...........	163	2,137	628	441	1,761	[illegible]	8,721	42	13,893
PAD V Total............	4,820	5,827	5,874	117,336	3,002	6	61,848	669	199,382
U.S. Total.............	82,729	198,759	51,062	486,636	7,736	245	190,543	16,900	1,034,610

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[1] Revised to reflect allocation of the unadjusted residual fuel oil supplied in 1980 as described in Explanatory Note 4 of the "Petroleum Supply Summary" section of this Petroleum Supply Annual.

[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

[3] U.S. total based on Defense Fuel Supply Center's DEIS Report. Relative estimates by state are based on the survey EIA-172.

[4] Pad District totals are derived from EIA estimates of intercoastal bunkering and the Census Bureau Report, United States Foreign Trade, Bunker Fuels. Relative estimates by state are based on the survey EIA-172.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
- Form FPC-4, "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
- Defense Fuel Supply Center, DEIS Report.
- Census Bureau Report, United States Foreign Trade, Bunker Fuels.
- EIA Report, Supply, Disposition, and Stocks of All Oils by Pad Districts and Imports into the United States, by Country, Final 1979.

Explanatory Notes

Note 1 EIA-172: Sales of Fuel Oil and Kerosene Survey

Background

The Form EIA-172 "Sales of Fuel Oil and Kerosene" collects data on the sales of distillate and residual fuel oils and kerosene to ultimate consumers in order to determine the demand for these products, for various categories, at the state, regional, and national level. This mandatory report is authorized by the Federal Energy Administration Act of 1974 (P.L. 93-275). It evolved from a voluntary survey implemented by the Bureau of Mines in 1932.

Description of Survey

Universe

The universe consists of all fuel oil distributors or refiners known to sell fuel oil or kerosene in the U.S., as determined by a 1979 survey conducted by the Energy Information Administration on Form EIA-402, "Fuel Oil Identification Survey," which collected data for 1978. There are 20,176 companies in the universe. The universe was not designed to include other types of fuel oil or kerosene sellers, such as truck stops, service stations, or firms which import directly for their own use of the product (a delivery to themselves), such as certain utility companies, shipping companies, or the military.

Sampling

The 1981 survey is from a sample of 7,809 companies. In obtaining the sample, all units reporting sales within a state on EIA-402 were stratified by the following characteristics:

- Multi- or single-state sales
- Type of firm (refiner, retailer, reseller/retailer, and reseller)
- Products sold (distillate, residual, kerosene, or any combination)
- Volume of sales of distillate:
  - Greater than 100,000 barrels
  - 10,000 to 100,000 barrels
  - Less than 10,000 barrels

All multi-state distributors and all refiners of the products were designated as certainty units. Within each of the remaining strata, a random sample of units was selected. Sampling rates varied from 1-in-1 to 1-in-20.

Collection Methods

The data for the survey on sales of fuel oil and kerosene are collected on Form EIA-172 on a calendar-year basis. The forms are sent to respondents in January, and are due 60 days after the end of the report year. The computerized company reports are updated if corrections are submitted. Resubmissions are accepted until the survey tables are to be run for the year.

Response Rates

The response rate on the EIA-172 by the filing date is 60%. Certified second requests are mailed to nonrespondents approximately two weeks after the filing deadline, increasing the response rate to 80%. Telephone follow-up procedures produce a final response rate of 90%.

Note 2 Estimation

Calculation of Adjusted Weights

Each company in the EIA-172 sample has a weight based on its selection probability. The first step in calculating the adjusted weight is to generate estimates of total deliveries, by product, for the entire universe of retailers as represented by the sampling frame. Estimates are obtained by first multiplying the response from a sample unit in each product-use category by the inverse of that unit's probability of selection and summing these "weighted" values over all sample units. Weighted estimates of total sales are first produced by product-use category within a state. Individual product-use totals are then summed across applicable states to produce a PAD District total and then a U.S. total. Aggregates of product-use categories are obtained by summing the totals for the component categories within the state or PAD District.

Adjustments to Survey Results

When all preliminary tabulations are verified, comparisons are made between the survey results and available alternate source data. For 1981 and 1980, the following use categories were replaced by alternate source data at the U.S., PAD District, or state level:

Electric Utility. Distillate and residual fuel oils at the state level were calculated from published EIA data on electric utility stocks, amount burned, and deliveries (Forms FPC-4 and FPC-423).

Military. The national data on distillate and residual fuel oil issued to defense installations (DFSC "DEIS Report") were allocated by state based on the EIA-172 survey.

On-Highway Diesel. Distillate fuel oil by state was calculated from Federal Highway Administration data on highway use of special fuels. Approximately 98 percent of the special fuels is diesel.

Vessel Bunkering. Residual fuel oil used for foreign trade vessel bunkering at the PAD District level was obtained from the Census Bureau Report, United States Foreign Trade, Bunker Fuels. To account for all vessel bunkering, including coastal trade, the ratio of total vessel bunkering use to foreign trade use from the data in the 1980 report of fuel oil deliveries was determined for each PAD District and used to inflate the 1981 foreign trade bunkering value. Allocations at the state level were based on the EIA-172 survey.

Final adjustments are made so that the total deliveries at the PAD District (PADD) level equal the PADD product supplied as reported in the "Petroleum Supply Summary" section of this Petroleum Supply Annual. For distillate fuel oil in 1981, the PADD adjustments were made to each state and product use category except military use, electric utility use and on-highway diesel use. For residual fuel oil, the adjustments in 1981 were made to each state and use category except military use, electric utility use and vessel bunkering use. All use categories of kerosene were adjusted. The following ratio adjustments were made for 1981:

	Distillate Fuel Oil	Residual Fuel Oil	Kerosene
PADD I	0.933770	0.709755	1.122829
PADD II	1.188470	1.384930	4.792762
PADD III	1.831573	2.235016	14.212922
PADD IV	1.257734	2.654310	8.607143
PADD V	1.234014	1.496474	17.813008

The 1981 product supplied data for distillate and residual fuel oils have been published on an unadjusted basis (no adjustments are made to account for distillate or residual fuel oil that was produced at one refinery, and may have been treated as an unfinished oil by another refinery). The product supplied data for 1980 and prior years were published on an adjusted basis, but the unadjusted data for 1980 and 1979 are provided in Explanatory Note 4 of the "Petroleum Supply Summary" section of this report. In order that 1981 fuel oil deliveries data can be compared to 1980 and 1979 data on the same basis, the deliveries of distillate and residual fuel oil, by end use, have been recalculated for those years. The 1980 recalculated data are included in Tables 1, 2, 12 and 13 of this section; 1979 recalculated data are included in Tables 12, 13, 15 and 16.

New ratio adjustments were calculated so that the total 1979 and 1980 deliveries equaled the unadjusted PADD product supplied. These ratio adjustments were made to each state and product use category except those from alternate sources:

	1980		1979	
	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
PADD I	0.969625	0.909984	0.906842	0.997053
PADD II	1.147751	1.243287	0.991849	0.900243
PADD III	1.782836	1.762197	1.715516	1.332057
PADD IV	1.256387	2.551948	1.194112	1.957125
PADD V	1.082644	1.055232	0.871874	0.476991

Note 3 Accuracy of the Data

Data in this section are based primarily on survey data which are subject to sampling error. Estimates of sampling error can be produced for those estimates in this publication which are based on the survey data. The estimates which are adjusted to alternate source totals are not subject to sampling errors, but are subject to non-sampling errors (biases), the magnitudes of which are unknown. Therefore, non-sampling errors in the 1981 EIA-172 survey cannot be measured. Publishing only estimates of sampling errors for the data in this section would report on only one of the two sources of errors, possibly the smaller of the two. To eliminate the possibility of overstating the reliability of the data, no estimates of sampling error are published.

Note 4 End-Use Descriptions

End-use categories are defined as follows:

All Other Uses. Operations which use fuel oil and kerosene, but which are not classified under any end-use category described in this report. In pre-1979 issues of this report, this classification included some "farm use," which is now a separate category.

Commercial Use. Space heating, water heating, and cooking at non-manufacturing establishments such as apartment buildings, motels, restaurants, wholesale and retail businesses, health and educational institutions, and government buildings. Most of the fuel oil and kerosene deliveries classified in this report under "commercial use" were classified in pre-1979 issues under "heating use." From 1979 on, there is no "heating use" classification.

Electric Utility Company Use. Space heating, the generation of electricity, and other operations at enterprises which produce, transmit, and/or distribute electricity for use by the public.

Farm Use. The operation of farm machinery, including tractors and farm trucks, space heating of buildings, cooking and water heating at farm houses, crop drying, and other activities requiring heat or power by the agricultural sector. The fuel oil deliveries classified in this report under "farm use" were accounted for in pre-1979 issues primarily under the classification "off highway diesel use," "heating use," and "all other uses."

Heating Use. A classification used in pre-1979 issues of this report. This category included space heating for residential, commercial, and industrial operations. Data appearing in this report for years prior to 1979 include this use.

Industrial Use. The operation of machinery, space heating, fueling of on-site conveyances, and other operations at manufacturing plants, assembly plants, processing plants, mines, and smelting plants. Most of the fuel oil deliveries classified under "industrial use" in this report were included under "industrial use" and/or "heating use" in pre-1979 issues.

Military Use. The operation of machinery, space heating, fueling of vessels and trucks, and other operations by the U.S. Armed Forces.

Oil Company Use. The operation of drilling equipment, other field or refinery operations, and space heating at petroleum refineries, pipeline companies, and oil-drilling companies.

Off-Highway Diesel Use. Fueling engines which require diesel fuel, but are not used for transportation, such as construction, logging, and road-building equipment. This classification in pre-1979 issues of this report included "farm use," which is now a separate category.

On-Highway Diesel Use. The fueling of trucks, buses, and automobiles which require diesel fuel and are used in transportation on public roads.

Railroad Use. Fueling trains, operating railroad equipment, space heating of buildings, and other operations. In pre-1979 issues of this report the classification "railroad use" did not include space heating.

Residential Use. Space heating, water heating, cooking, and other household operations at private households, excluding farm houses. Most of the fuel oil and kerosene deliveries classified in this report under "residential use" were classified in pre-1979 issues under "heating use." From 1979 on, there is no "heating use" classification.

Transportation Use. The operations necessary to the conveying of people or things over public roads, railways, or waterways. This includes the fueling of vehicles, the operation of auxiliary equipment, and the heating of buildings.

Vessel Bunkering Use. The fueling of commerical or private boats, such as pleasure craft, fishing boats, tugboats, and ocean-going vessels, including vessels operated by oil companies, and fueling for other marine purposes.

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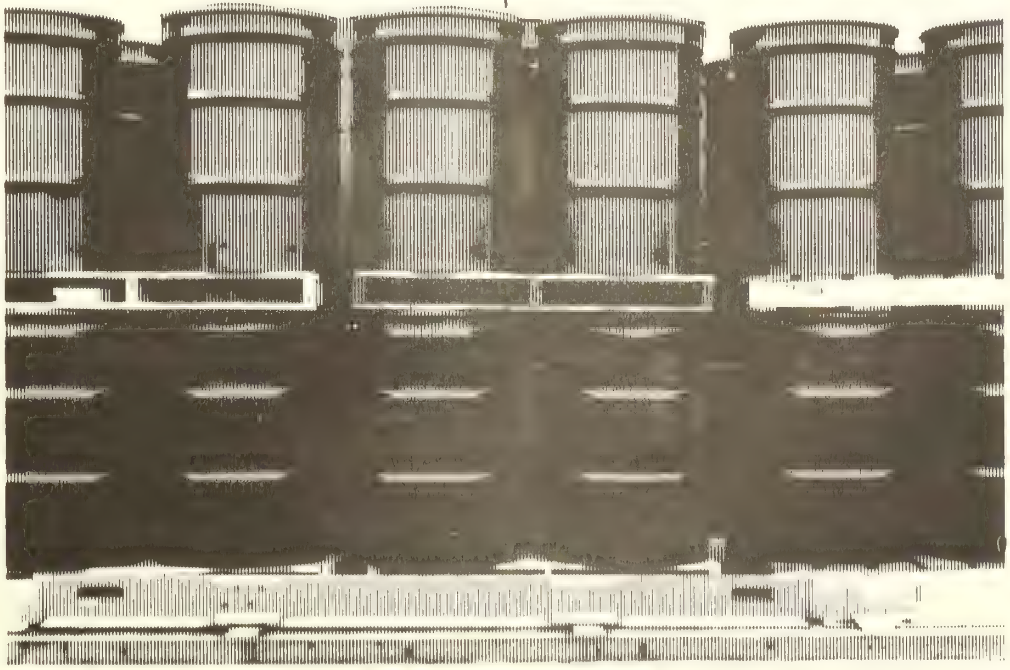


Glossary

Definitions of Petroleum Products and Other Terms

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group, CH-(CH)n—OH. "Alcohol" includes ethanol and methanol.

Alkylation. Where the C^3, C^4 and C^5 olefins produced in cracking and coking units are reacted with isobutane in an acid environment to produce a high quality gasoline blendstock called alkylate. Propane and butane are fractionated from the alkylate for disposition as LPG or, in the case of butane, as a gasoline blendstock.

Aromatics. A group of hydrocarbon fractions that form the basis of most organic chemicals so far synthesized. The unique ring structure of their carbon atoms makes it possible to transform aromatics into an almost endless number of chemicals. Benzene, toluene, and xylene are the principal aromatics.

Asphalt. A dark-brown-to-black material, containing bitumens as the predominant constituents, obtained either naturally or by petroleum processing. It is the residue from the distillation of an asphaltic crude oil or the insoluble portion from an extraction process that utilizes propane or other suitable solvents. The definition includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. The conversion factor is 5.5 42-gallon barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Aviation Gasoline Blending Components. Components in the gasoline range which will be used for blending or compounding into finished aviation gasoline.

Aviation Gasoline (Finished). All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specificaton D 910 and Military Specification MIL-G-5572. "Aviation gasoline" includes all refinery products within the gasoline range that are to be marketed straight or in blends as aviation gasoline without further refinery processing.

Barrels. A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons. This measure is used in most statistical reports. Factors for converting petroleum coke, asphalt, wax, and still gas to barrels are given in the definitions for these products.

Barrels Per Calendar Day. Represents the number of barrels per stream day of input to crude oil processing units that can be processed by a refinery in an average 24-hour period after making allowances for the following limitations: downstream limitations, environmental constraints, types and grades of inputs, planned and unplanned downtime, and types and grades of products.

Barrels Per Stream Day. Represents the amount a unit can process running at full capacity under optimal crude and product slate conditions.

Bulk Terminal. A facility which is primarily used for the marketing of gasoline, kerosene, distillate and residual fuel oils that has a total bulk storage capacity of 2,100,000 gallons (50,000 barrels) or more and receives its petroleum products by tanker, barge or pipelines.

Butane. An inflammable gaseous paraffin hydrocarbon, C_4H_{10}, occurring in either of two isomeric forms; normal butane or isobutane. It is extracted from natural gas or refinery gas streams.

- Normal Butane—The straight-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 31.1°F. This classification includes mixtures of gases that contain 80 percent or more normal butane.

- Isobutane—The branch-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9°F. This classification includes mixtures of gases that contain 80 percent or more isobutane.

- Other Butanes—The classification of butane in which neither isomeric form is present in at least 80 percent of the liquid volume.

Butane-Propane Mix. Mixtures consisting exclusively of butane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted from natural gas and refinery gas streams.

Butylene. An olefinic hydrocarbon, C_4H_8, recovered from refinery processes. It is reported in the "Butane" category.

Catalytic Cracking. Basically the same as thermal cracking since heat is used, but differs in its use of a catalyst to direct the cracking reaction to produce more of the higher octane hydrocarbons; provides a motor spirit of 10 to 15 octane numbers higher than that of the thermally cracked product and is more effective in producing isoparaffins and aromatics, all of which are of high anti-knock qualities or value. Modern cracking units are one of two types: the "fluid process" uses a finely powdered catalyst which is moved and circulated through the system by a "fluidized-solid" technique, and the other, moving bed process, in which pellet catalysts are circulated by elevators or gas-lift method.

Catalytic Hydrocracking. A refining process for converting middle-boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel and/or high grade fuel oil. Hydrocracking is an efficient, relatively low-temperature process using hydrogen and catalyst.

Catalytic Hydrofining. A process for improving the quality of petroleum products, especially gasoline, by treating them with hydrogen in the presence of a catalyst, at a temperature below that at which decomposition occurs.

Catalytic Hydrotreating. A process for treating petroleum fractions and unfinished oils in the presence of catalysts and substantial quantities of hydrogen to upgrade their quality.

Catalytic Reforming. The use of controlled heat and pressure with catalysts to effect the rearrangement of certain hydrocarbon molecules without altering their composition appreciably; the conversion of low-octane gasoline fractions into higher octane stocks suitable for blending into finished gasoline; also the conversion of naphthas to obtain more volatile product of higher octane number.

Charge Capacity. (Input) reports the fresh feed capacity of the facilities.

Coal. A generic term applied to carbonaceous rocks that were formed by the partial or complete decomposition of vegetation. These stratified carbonaceous rocks are either solid or brittle and are highly combustible. Includes lignite, bituminous coal, and anthracite which conform to ASTM Specification D 388.

Crude Distillation. The processing of separating crude oil components by heating and subsequent condensing of the fractions by cooling.

Crude Oil. A naturally occurring mixture of liquid hydrocarbons that remains liquid at atmospheric pressure after passing through surface separating facilities. Lease condensate is included. Drips are also included, but topped crude (residual) oil and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable.

Crude Oil Type.

- Sweet—Under 0.5 wt. % sulfur

- Medium Sulfur—Between .05 and 1.0 wt. % sulfur
  Light Medium—15% or less @ 1050°F. + residuum assay
  Heavy Medium—Greater than 15% @ 1050°F. + residuum assay

- High Sulfur—in excess of 1.0 wt. % sulfur
  Light High—15% or less @ 1050°F. + residuum assay
  Heavy High—Greater than 15% @ 1050°F. + residuum assay

- Domestic—Crude oil produced in the United States or from its outer continental shelf as defined in 43 U.S.C. 1331. Synthetic hydrocarbons such as shale oil and tar sand oil are included.

- Foreign—Crude oil produced outside the United States. Imported Athabasca hydrocarbons are reported as crude oil.

Distillate Fuel Oil. A general classification for one of the petroleum fractions which, when produced in conventional distillation operations, has a boiling range of 400°F. at the 10-percent point to 640°F. at the 90-percent point. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1 and No. 2 heating oils, diesel fuels, and No. 4 fuel oil.

- No. 1 Fuel Oil—A light distillate fuel oil intended for vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400°F. at the 10-percent point and 550°F. at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100°F.

- No. 2 Fuel Oil—A distillate fuel oil for domestic heating for use in atomizing-type burners or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade temperatures at the 90-percent point between 540°F. and 640°F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100°F.

- Diesel Fuel—A distillate fuel oil used in compression-ignition engines. Three classifications are recognized by ASTM Specification D 975:

    1. No. 1-D—A volatile distillate fuel oil in the 400° to 550°F. boiling range for engines in service requiring frequent speed and load changes. Type C-B diesel fuel, which is used for city buses and similar operations, is included.

    2. No. 2-D—A distillate fuel oil of lower volatility in the 540° to 640°F. boiling range for engines in industrial and heavy mobile service. Type R-R diesel fuel for railroad compression-ignition engines and Type T-T for diesel-engine trucks are included.

    3. No. 4-D—A fuel oil for low and medium speed engines.

- No. 4 Fuel Oil—A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100° F. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

Eastern Hemisphere. That half of the earth east of the Atlantic Ocean which includes Europe, Asia, Africa, and Australia. The Hawaiian Foreign Trade Zone is in this hemisphere.

Electric Energy (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ethane. A colorless, odorless, water-insoluble, gaseous paraffin hydrocarbon, C_2H_6, extracted from natural gas and refinery gas streams.

Ethane-Propane Mix. A mixture of ethane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted for natural gas and refinery gas streams.

Ethylene. An olefinic hydrocarbon. C_2H_4, recovered from a refinery and petrochemical process. It is reported in the "Ethane" category.

Feedstocks. Crude oil or other hydrocarbons that are the basic materials for a refining or manufacturing process.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, and new supply of other hydrocarbons and alcohol.

Gas-Well Gas. Natural gas produced from gas wells. Such gas may be either associated gas or non-associated gas.

- Associated Gas—Free natural gas in immediate contact, but not in solution, with crude oil in the reservoir.

- Non-Associated Gas—Free natural gas not in contact with, nor dissolved in, crude oil in the reservoir.

Hydrogen. A colorless, highly flammable gaseous element, the lightest of all gases and the most abundant element in the universe, used in the production of synthetic ammonia and methanol, in petroleum refining, and in hydrogenation of organic materials.

Isobutane. The branch-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9°F. This classification includes mixtures of gases that contain 80 percent or more isobutane. It is extracted from natural gas and refinery gas streams.

Isopentane. A saturated branch-chain hydrocarbon, C_5H_{12}, obtained by fractionation of gasoline or isomerization of normal pentane. All segregated isopentane is included. This product is extracted from natural gas.

Kerosene. A petroleum distillate that boils at a temperature between 300° and 550°F., that has a flash point higher than 100°F. by ASTM Method D 56, that has a gravity range from 40° to 46° API, and that has a burning point in the range of 150° to 175°F. It is a clean-burning product suitable for use as an illuminant when burned in wick lamps. Includes grades of kerosene called range oil having properties similar to No. 1 fuel oil, but with a gravity of about 43° API and having a maximum end-point of 625°F. Kerosene is used in space heaters, cook stoves, and water heaters.

Kerosene-Type Jet Fuel. A quality kerosene product with an average gravity of 40.7° API, a 10-percent distillation temperature of 400°F., and an endpoint of 572°F. It is covered by ASTM Specification D 1655 and Military Specification MIL-T-5624L (Grade JP-5 and JP-8). It is used primarily for commercial turbojet and turboprop aircraft engines.

Lease Condensate. A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Lease Separator. A surface facility used for separating casinghead gas from produced crude oil and water and separating gas from that portion of associated gas and non-associated gas that liquefies at the temperature and pressure conditions of the separator.

Liquefied Petroleum Gas (LPG). A gas containing specific hydrocarbons that are gaseous under normal atmospheric conditions, but can be liquefied under moderate pressure at normal temperatures. LPG is composed predominantly of propane and butane hydrocarbons. LPG is included in natural gas plants liquids and liquefied refinery gases.

Liquefied Refinery Gas (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration they are retained in the liquid state. The reported categories are ethane and/or ethylene, propane and/or propylene, butane and/or butylene, butane-propane mixtures, and isobutane. Excludes still gases used for chemical or rubber manufacture which are reported as petrochemical feedstocks. Liquefied refinery gases are reported for use as petrochemical feedstocks, other uses, or both.

Lubricants. A substance used to reduce friction between bearing surfaces. Petroleum lubricants may be produced either from distillates or residues. Other substances may be added to impart or improve certain required properties. "Lubricants" includes all grades of lubricating oils from spindle oil to cylinder oil and those used in greases. The three categories reported are:

- Bright Stock—A refined, high viscosity lubricating oil base stock that is usually made from a residuum by a treatment such as deasphalting, acid treatment, or solvent extraction.
- Neutral—A distillate lubricating oil base stock with a viscosity that is usually not above 550 Saybolt Seconds Universal (SSU) at 100° F. It is prepared by a treatment such as hydrofining, acid treatment, or solvent extraction.
- Other—A lubricating oil base stock used in finished lubricating oils and greases, including black, coastal, and red oils.

Miscellaneous Products. Includes all finished products not classified elsewhere. "Miscellaneous products" include petrolatum, absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and naphthas.

Motor Gasoline Blending Components. Finished components in the gasoline range that will be used for blending or compounding into finished motor gasoline. Pool gasoline is included in this category.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439 or Federal Specification VV-G-1690B, include a boiling range of 122° to 158° F. at the 10-percent point to 365° to 374° F. at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

- Leaded Gasoline—Contains more than 0.05 grams of lead per gallon **or** more than 0.005 grams of phosphorus per gallon. The actual lead content of any given gallon, however, may vary as a function of the size of the producer and company according to specific Environmental Protection Agency waiver provisions. Premium and regular grades are included, depending on the octane rating.

- Unleaded Gasoline—Contains up to 0.05 grams of lead per gallon and 0.005 grams of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating.

- Gasohol—A blend of alcohol and finished motor gasoline that is no more than 90 percent of finished motor gasoline (leaded or unleaded as described above) and no less than 10 percent or more alcohol (ethanol or methanol).

Motor Gasoline (Total). Includes finished leaded motor gasoline, finished unleaded motor gasoline, motor gasoline blending components, and gasohol.

Naphtha. A colorless flammable liquid, obtained from crude petroleum and used as a solvent and cleaning fluid and as a raw material for gasoline.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range with an average gravity of 52.8% API and 20 to 90 percent distillation temperatures of 290° to 470° F., meeting Military Specification MIL-T-5624L (Grade JP-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. This category excludes ram-jet and petroleum rocket fuels, which are included in the "Miscellaneous Products" category.

Natural Gas. A mixture of hydrocarbons and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, butane, natural gasoline, etc., and to control the quality of natural gas to be marketed.

Natural Gas Plant Liquids. Natural gas liquids recovered from natural gas in gas processing plants and in some situations, from natural gas field facilities. Natural gas liquids extracted by fractionators are also included. These liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials, and are classified as follows: Ethane, propane, ethane-propane mix, isobutane, butane, butane-propane mix, isopentane, natural gasoline, plant condensate, unfractionated stream, and other products from natural gas processing plants (i.e., products meeting the standards of finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphthas, kerosene, distillate, fuel oil, and miscellaneous products).

Operable Capacity. Represents the status of processing units at a petroleum refinery. Operable capacity is the sum of operating and idle capacity.

- Operating capacity—Capacity that is in operation.

- Idle Capacity—Capacity not in operation but capable of being placed in operation within 90 days.

Permanently Shutdown. A classification for petroleum refineries which represents refineries which have ceased operations and/or are incapable of being placed in operation within 90 days.

Petroleum Coke. A solid or fixed-carbon residue remaining after oils and tars have been driven off by distillation. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 42-gallon barrels per short ton.

- Marketable Coke—Those grades of coke that are produced in delayed or fluid cokers and which may be recovered as relatively pure carbon. This "green" coke may be sold or further purified by calcining.

- Catalyst Coke—In many catalytic operations (i.e., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as fuel in the refinery process. This carbon or coke is not recoverable in a concentrated form.

Petroleum Products. Petroleum products obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, natural gasoline and isopentane, plant condensate, unfractionated stream, ethane, liquefied petroleum gases, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, naphtha-less than 400°F. end-point, other oils-over 400°F. end-point, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Petroleum Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas plant liquids, other hydrocarbons, and alcohol.

Plant Condensate. One of the natural gas plant products, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants. This product is extracted from natural gas.

Primary Stocks. Stocks of crude oil or petroleum products held in storage by refineries, natural gas processing plants, pipelines, tankfarms, and bulk terminals. Crude oil that is in transit from Alaska or that is stored on Federal leases is included. Bulk terminals are facilities that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. "Primary Stocks" excludes stocks of foreign origin that are meant for domestic consumption but have not cleared the United States Customs Service.

Propane. An inflammable gaseous hydrocarbon, C_3H_8 , of the methane series extracted from natural gas and refinery gas streams. It is used primarily as a fuel and as a petrochemical feedstock.

Propylene. An olefinic hydrocarbon, C_3H_6, recovered from refinery and petrochemical processes. It is reported in the "Propane" category.

Residual Fuel Oil. Topped crude of refinery operations. "Residual Fuel Oil" includes No. 5 and No. 6 fuel oils as defined in ASTM, Specification D 396 and Federal Specification VV-F-815C; Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2; Bunker C fuel oil; and acid sludge used for refinery fuels. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

- Bunker C—A heavy residual fuel oil used by ships and industry and for heating large-scale installations; also referred to as No. 6 fuel oil.

- Acid Sludge—The black, viscous residue left after treating petroleum oil with sulfuric acid for the removal of impurities.

Note: Imports of "Residual Fuel Oil" includes "Imported Crude Oil Burned as Fuel."

Road Oil. Any heavy petroleum oil, including residual asphaltic oils, used as a dust palliative and surface treatment of roads and highways. It is generally produced in six grades, from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of the tank.

Special Naphthas. All finished products within the gasoline range that are used as paint thinners, cleaners, and solvents. These products are refined to a specified flash point and have a boiling range of 90° to 220°F.

- "Special naphthas" includes all commercial hexane and cleaning solvents conforming to ASTM Specifications D 1836 and D 484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). The gas into which water is changed by boiling. It is colorless and transparent until it begins to condense. Purchased steam is steam that is purchased for use by a refinery but was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gas produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, butane, butylene, propane, propylene, etc. Still gas is reported as petrochemical feedstock use and fuel use. The conversion factor is 6,250,000 Btu per 42-gallon barrel.

- Petrochemical Feedstock Use—Includes all refinery streams which are used by chemical or rubber manufacturing operations for further processing, less the amount of such streams returned to the source refinery. Finished petrochemical products are not included. For example, polyethylene, butadiene, etc., are considered petrochemical products; therefore, only their feedstock equivalents are included.

- Fuel Use—All other still gas.

Strategic Petroleum Reserve (SPR). Stocks of crude oil maintained by the Federal Government in case there is a major interruption of crude oil imports.

Tankfarm. A group of large riveted or welded tanks for storage of crude oil or product by a producer, refiner, or pipeline.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking is used to increase the yield of gasoline obtainable from crude oil.

Unfinished Oils. Includes all oils requiring further processing, except those requiring only mechanical blending.

Unfractionated Steam. Mixtures of unsegregated natural gas liquid components excluding those included in plant condensate. This product is extracted from natural gas.

Vacuum Distillation. Distillation under reduced pressure (less than atmospheric) which lowers the boiling temperature of the liquid being distilled. The relatively low temperatures of this technique prevents cracking or decomposition of the charge stock.

Visbreaking. A catalytic thermal cracking process designed to lower the viscosity, pour point and boiling range of still residues remaining after fractional distillation.

Wax. A solid or semi-solid material derived from petroleum distillates or residues by such suitable treatments as chilling, precipitating with a solvent, or de-oiling. It is a light-colored, more-or-less translucent crystalline mass, slightly greasy to the touch, consisting of a mixture of solid hydrocarbons in which the paraffin series predominates. Includes all marketable wax whether fully refined, scale, or crude. The three grades reported are microcrystalline, crystalline-fully refined, and crystalline-other. The conversion factor is 280 pounds per 42-gallon barrel.

- Microcrystalline Wax—Wax extracted from certain petroleum residues having a finer and less apparent crystalline structure than paraffin wax and having the following physical characteristics:

  Penetration at 77°F. (D-1321)—60 maximum.
  Viscosity at 210°F. Saybolt Universal Seconds (SUS)
    (D-88)—[Minimum—60 SUS (10.22 centistokes) to maximum 150
    SUS (31.8 centistokes)].
  Oil content (D-721)—5 percent minimum.

- Crystalline-Fully Refined Wax—A light-colored paraffin wax having the following characteristics:

Viscosity at 210°F. Saybolt Universal Seconds (SUS)
(D-88)—[Minimum—60 SUS (10.22 centistokes) to
Maximum—150 SUS (31.8 centistokes)]
Oil Content (D-721)—0.5 percent maximum
Other +20 color, Saybolt minimum.

- Crystalline-Other Wax—A paraffin wax having the following characteristics:

Viscosity at 210°F. SUS (D-88)—[Maximum 59.9 SUS
(10.18 centistokes)]
Oil Content (D-721) 0.5 percent maximum.

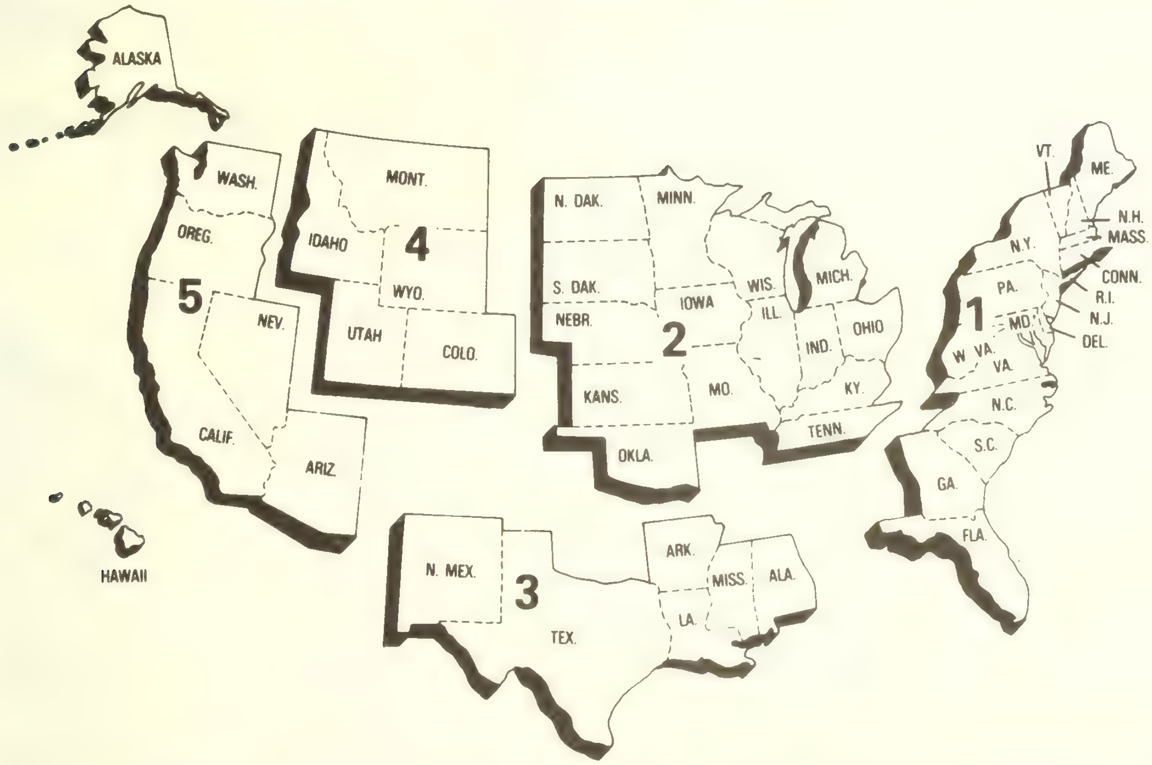
Western Hemisphere. That half of the earth that includes North and South America and the Surrounding waters.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

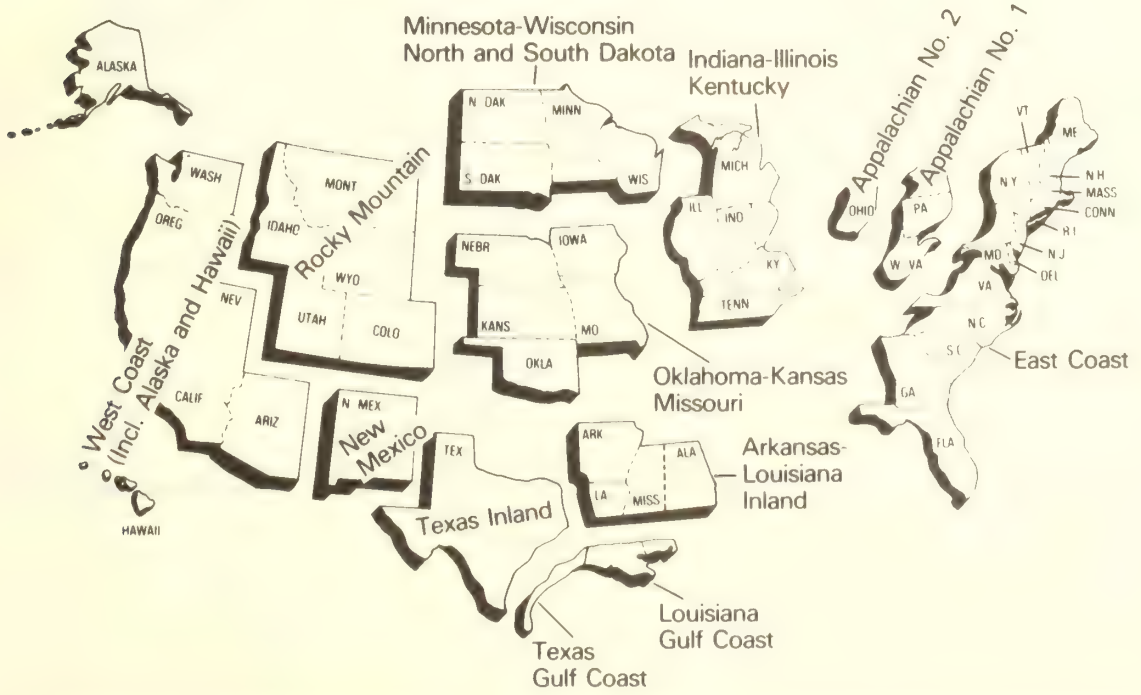
Bureau of Mines Petroleum Refining Districts and PAD Districts

PAD District	Refining District
I	**East Coast**—District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties each thereof.
	Appalachian #1—The State of West Virginia, and those parts of the States of Pennsylvania and New York not included in the East Coast District.
II	**Appalachian #2**—The following counties of the State of Ohio: Erie, Huron, Crawford, Marion, Delaware, Franklin, Pickaway, Ross, Pike, Scioto, and all counties east thereof.
	Indiana—Illinois—Kentucky—The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and that part of the State of Ohio not included in the Appalachian District.
	Minnesota—Wisconsin—North and South Dakota—The States of Minnesota, Wisconsin, North Dakota, and South Dakota.
	Oklahoma—Kansas—Missouri—The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.
III	**Texas Inland**—The State of Texas except the Texas Gulf Coast District.
	Texas Gulf Coast—The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.
	Louisiana Gulf Coast—The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.
	North Louisiana—Arkansas—The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.
	New Mexico—The State of New Mexico.
IV	**Rocky Mountain**—The States of Montana, Idaho, Wyoming, Utah, and Colorado.
V	**West Coast**—The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

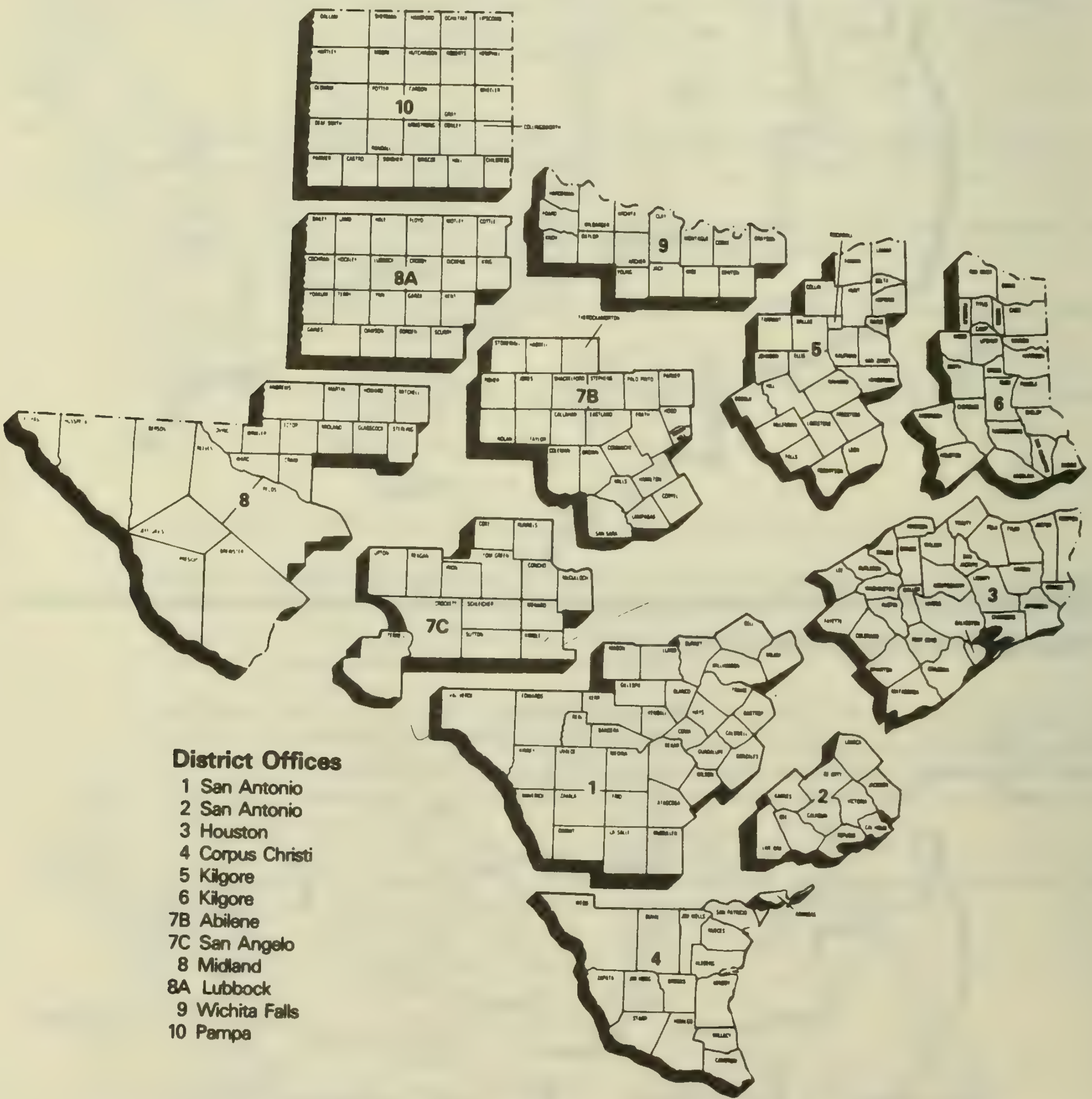
Petroleum Administration for Defense (PAD) Districts



Bureau of Mines Refining Districts



District Map Oil and Gas Division Railroad Commission of Texas



District Offices

1	San Antonio
2	San Antonio
3	Houston
4	Corpus Christi
5	Kilgore
6	Kilgore
7B	Abilene
7C	San Angelo
8	Midland
8A	Lubbock
9	Wichita Falls
10	Pampa

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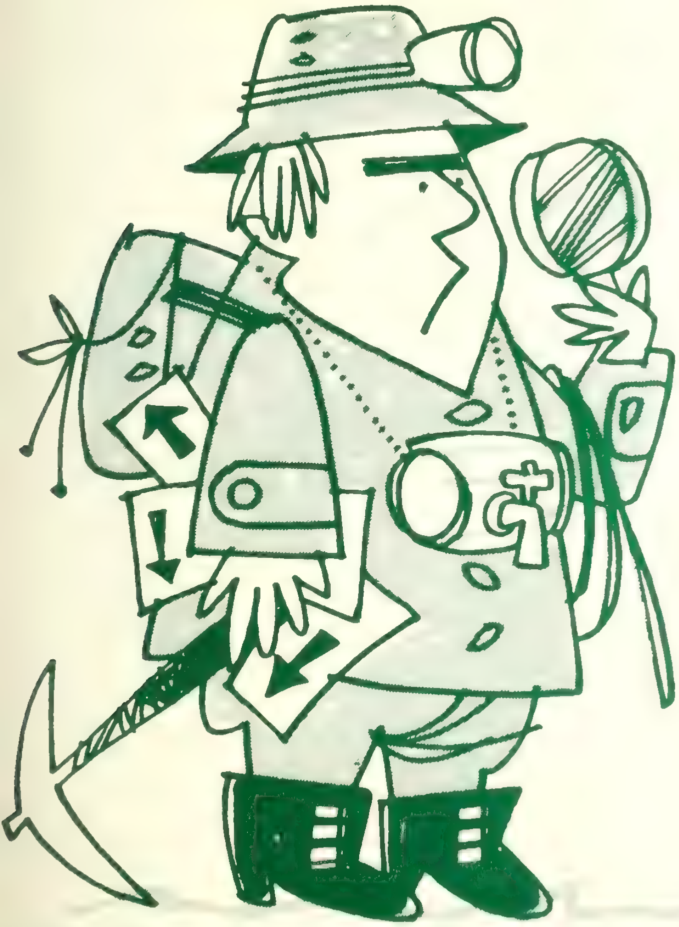

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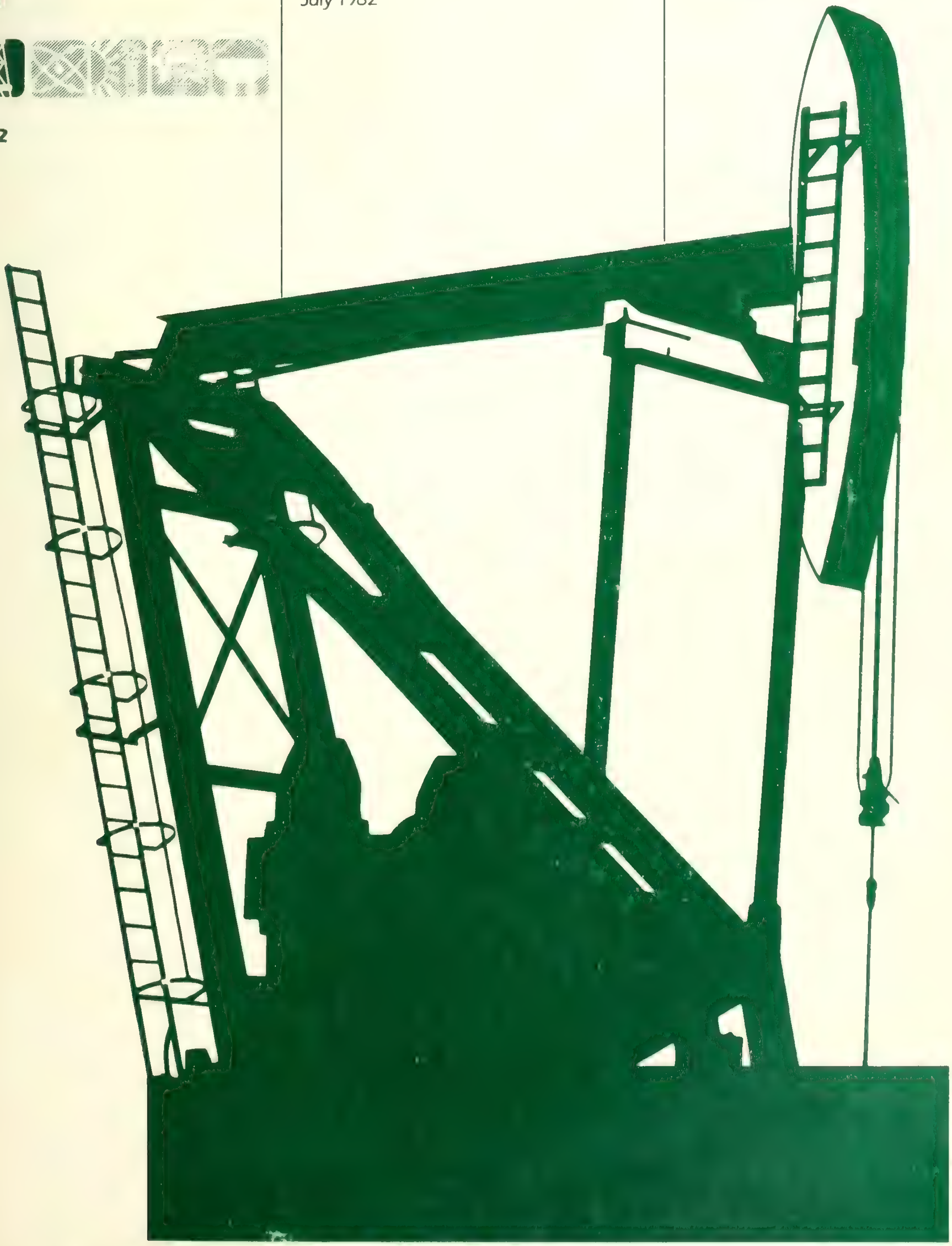

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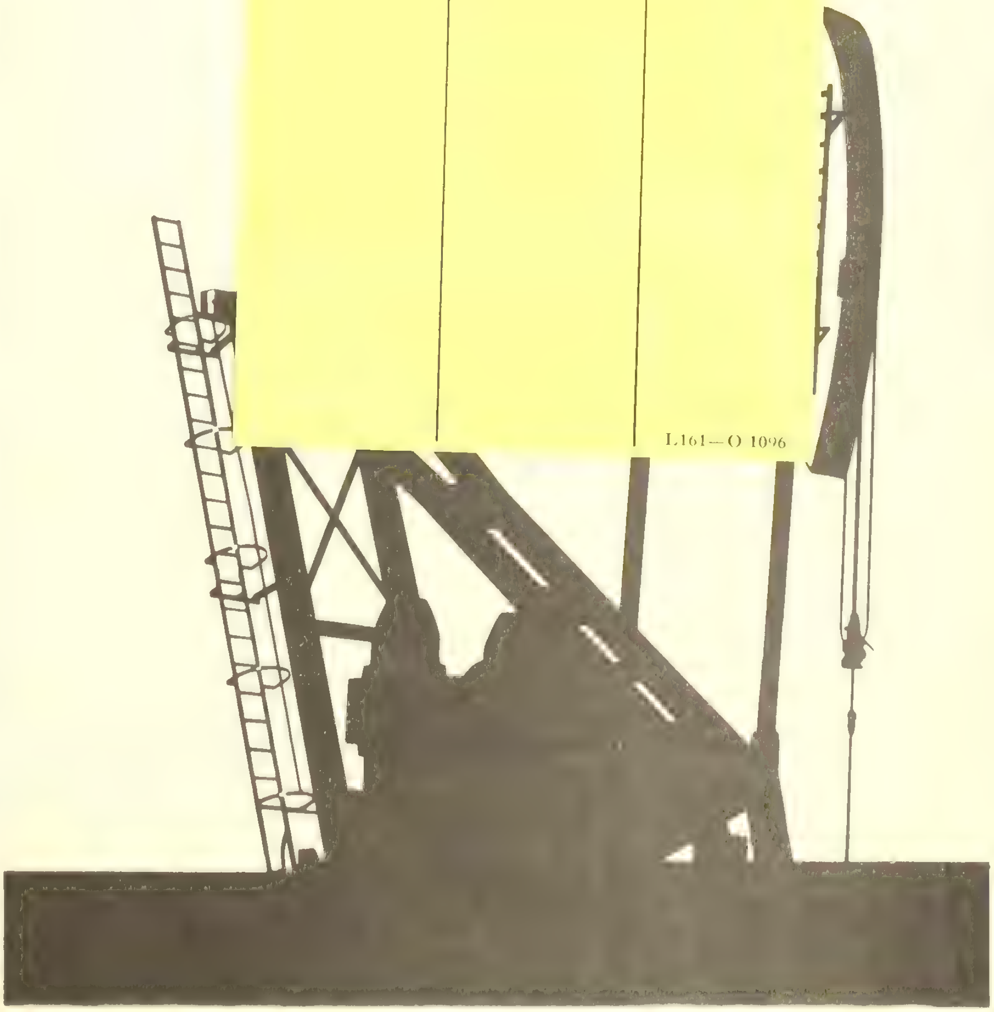

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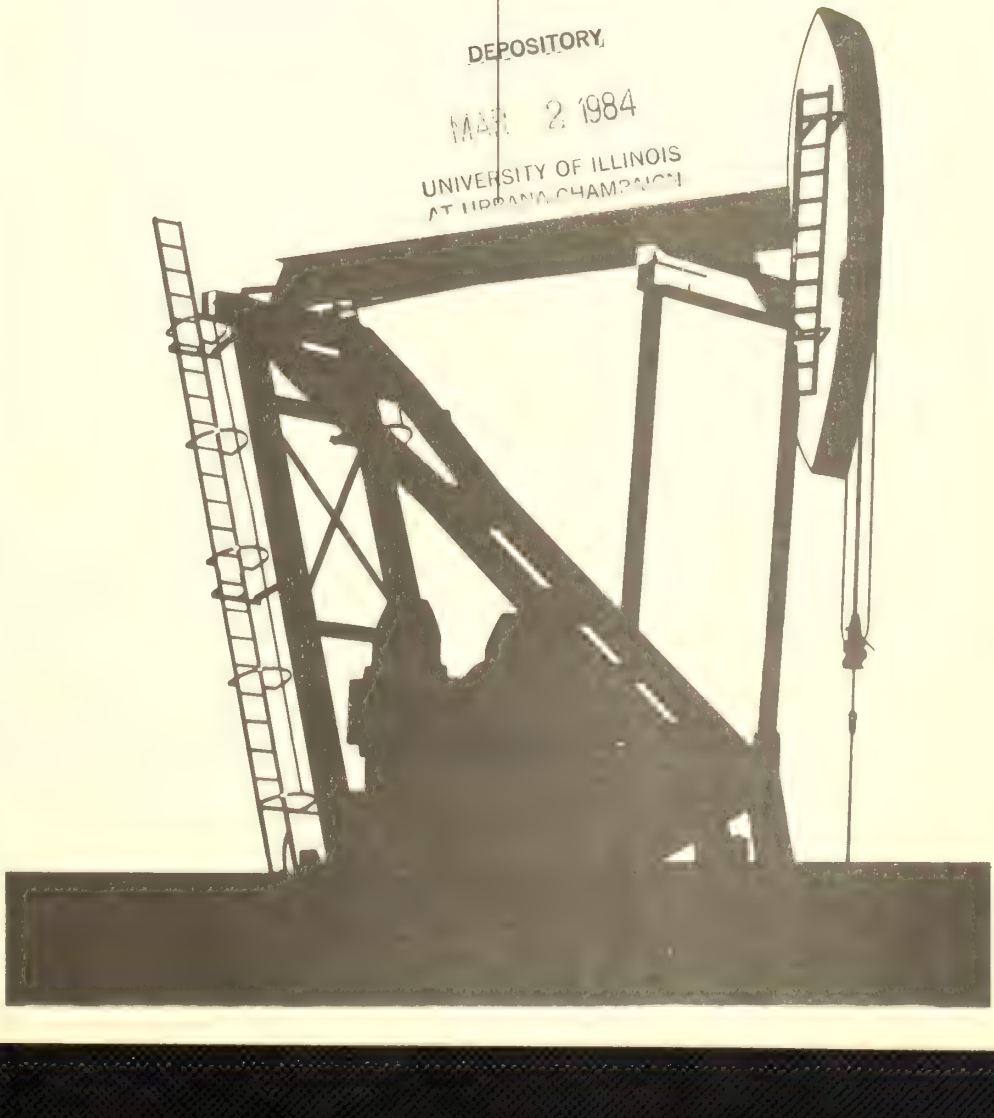

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PSA

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Introduction

Introducing the Petroleum Supply Annual

The *Petroleum Supply Annual (PSA)* replaces four Energy Information Administration (EIA) annual petroleum publications:

- *Petroleum Statement, Annual*
- *Petroleum Refineries in the United States and U.S. Territories*
- *Sales of Liquefied Petroleum Gases and Ethane*
- *Deliveries of Fuel Oil and Kerosene*

The PSA is comprised of two volumes. This volume, Volume II, contains final detailed statistics for each month of 1981, as previously published in the *Monthly Petroleum Statement (MPS)*, along with explanatory notes describing data collection, estimation, data quality, changes to data collected and interpretation of tables, and a glossary alphabetically listing industry terminology and product definitions. January through December 1981 data are presented for each table so that a full year of data can be examined with ease. The tables are in the same order and numbered the same as the corresponding annual summary tables in Volume I for easy comparison.

Volume I contains annual summary tables for data published in the *Monthly Petroleum Statement*, and the data tables which previously appeared in *Petroleum Refineries in the United States and U.S. Territories, Sales of Liquefied Petroleum Gases and Ethane*, and *Deliveries of Fuel Oil and Kerosene.* Along with the data, each of the four sections includes 1981 highlights and explanatory notes, and a glossary of industry terminology and product definitions.

The *Petroleum Supply Annual (PSA)* is prepared by the Petroleum Supply Division, Office of Oil and Gas, Energy Information Administration, Department of Energy.

981 Monthly Statistics

Table 1. U.S. Petroleum Balance, January 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	49,789	1,606
(2) Lower 48 States	214,947	6,934
(3) Total U.S.	264,736	8,540
Net Imports		
(4) Imports (Gross Excluding SPR)	149,620	4,826
(5) SPR Imports	3,286	106
(6) Exports	10,496	339
(7) Imports (Net Including SPR)	142,410	4,594
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-4,690	-151
(9) Other Stock Withdrawal (+) or Addition (-)	6,225	201
(10) Used Directly and Losses	-1,522	-49
(11) Unaccounted for [1]	3,513	113
(12) Total Other Sources	3,526	114
(13) Crude Input to Refineries	410,672	13,247
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	51,205	1,652
(15) Imports [2]	374	12
(16) Stock Withdrawal (+) or Addition (-) [2]	1,115	36
(17) Total NGPL Supply	52,693	1,700
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	1,889	61
(19) Imports	2,636	85
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,227	40
(21) Refinery Processing Gain [1]	19,006	613
(22) Crude Used Directly	1,322	43
(23) Total Other Liquids	26,080	841
(23) = (18) through (22)		
(24) Total Production of Products [3]	489,445	15,789
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	55,735	1,798
(26) Exports	6,798	219
(27) Imports (Net)	48,938	1,579
(28) Total New Supply of Products	538,383	17,367
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	32,938	1,063
(30) Total Petroleum Products Supplied for Domestic Use	571,321	18,430
(30) = (28) + (29)		
(31) Finished Motor Gasoline	199,366	6,431
(32) Naphtha-Type Jet Fuel	5,437	175
(33) Kerosene-Type Jet Fuel	27,538	888
(34) Kerosene	6,997	226
(35) Distillate Fuel Oil	127,383	4,109
(36) Residual Fuel Oil	89,767	2,896
(37) Liquefied Petroleum Gases and Ethane	59,308	1,913
(38) Other	68,126	2,198
(39) Total Reclassified [1]	-12,600	-406
(40) Total Product Supplied	571,321	18,430
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	373,955	--
(42) Strategic Petroleum Reserve (SPR)	112,490	--
(43) Unfinished Oils	121,521	--
(44) Gasoline Blending Components	50,504	--
(45) Natural Gasoline and Unfractionated Stream	16,987	--
(46) Finished Refined Products [3]	712,317	--
(47) Total Stocks	1,387,773	--

[1] A balancing item.
[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.
[3] For products included see Explanatory Note 5.7.
-- Not Applicable.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, February 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	45,346	1,619
(2) Lower 48 States	195,568	6,985
(3) Total U.S.	240,914	8,604
Net Imports		
(4) Imports (Gross Excluding SPR)	134,211	4,793
(5) SPR Imports	2,239	80
(6) Exports	5,543	198
(7) Imports (Net Including SPR)	130,908	4,675
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-3,567	-127
(9) Other Stock Withdrawal (+) or Addition (-)	-4,206	-150
(10) Used Directly and Losses	-1,621	-58
(11) Unaccounted for [1]	-1,158	-41
(12) Total Other Sources	-10,552	-377
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	361,270	12,902
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	46,297	1,653
(15) Imports [2]	289	10
(16) Stock Withdrawal (+) or Addition (-) [2]	640	23
(17) Total NGPL Supply	47,226	1,687
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-5,224	-187
(19) Imports	3,207	115
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,013	36
(21) Refinery Processing Gain [1]	15,799	564
(22) Crude Used Directly	1,527	55
(23) Total Other Liquids (23) = (18) through (22)	16,322	583
(24) Total Production of Products [3] (24) = (13) + (17) + (23)	424,818	15,172
Net Imports of Refined Products [3]		
(25) Imports (Gross)	49,677	1,774
(26) Exports	10,393	371
(27) Imports (Net)	39,284	1,403
(28) Total New Supply of Products (28) = (24) + (27)	464,102	16,575
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	11,587	414
(30) Total Petroleum Products Supplied for Domestic Use (30) = (28) + (29)	475,689	16,989
(31) Finished Motor Gasoline	176,416	6,301
(32) Naphtha-Type Jet Fuel	5,267	188
(33) Kerosene-Type Jet Fuel	23,231	830
(34) Kerosene	4,452	159
(35) Distillate Fuel Oil	94,456	3,373
(36) Residual Fuel Oil	72,462	2,588
(37) Liquefied Petroleum Gases and Ethane	49,545	1,769
(38) Other	58,747	2,098
(39) Total Reclassified [1]	-8,886	-317
(40) Total Product Supplied (40) = (31) through (39)	475,689	16,989
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	378,161	--
(42) Strategic Petroleum Reserve (SPR)	116,057	--
(43) Unfinished Oils	122,300	--
(44) Gasoline Blending Components	54,949	--
(45) Natural Gasoline and Unfractionated Stream	16,347	--
(46) Finished Refined Products [3]	700,729	--
(47) Total Stocks	1,388,543	--

---

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, March 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	50,150	1,618
(2) Lower 48 States	216,853	6,995
(3) Total U.S.	267,003	8,613
Net Imports		
(4) Imports (Gross Excluding SPR)	135,832	4,382
(5) SPR Imports	4,328	140
(6) Exports	6,519	210
(7) Imports (Net Including SPR)	133,641	4,311
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-4,803	-155
(9) Other Stock Withdrawal (+) or Addition (-)	-14,793	-477
(10) Used Directly and Losses	-1,945	-63
(11) Unaccounted for [1]	4,769	154
(12) Total Other Sources	-16,772	-541
(13) Crude Input to Refineries	383,872	12,383
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	50,335	1,624
(15) Imports [2]	232	7
(16) Stock Withdrawal (+) or Addition (-) [2]	1,715	55
(17) Total NGPL Supply	52,282	1,687
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-2,262	-73
(19) Imports	3,529	114
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,091	35
(21) Refinery Processing Gain [1]	14,041	453
(22) Crude Used Directly	1,778	57
(23) Total Other Liquids	18,177	586
(23) = (18) through (22)		
(24) Total Production of Products [3]	454,331	14,656
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	42,953	1,386
(26) Exports	11,651	376
(27) Imports (Net)	31,303	1,010
(28) Total New Supply of Products	485,634	15,666
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	7,477	241
(30) Total Petroleum Products Supplied for Domestic Use	493,111	15,907
(30) = (28) + (29)		
(31) Finished Motor Gasoline	195,382	6,303
(32) Naphtha-Type Jet Fuel	6,674	215
(33) Kerosene-Type Jet Fuel	26,032	840
(34) Kerosene	3,501	113
(35) Distillate Fuel Oil	90,027	2,904
(36) Residual Fuel Oil	65,911	2,126
(37) Liquefied Petroleum Gases and Ethane	47,445	1,530
(38) Other	68,622	2,214
(39) Total Reclassified [1]	-10,485	-338
(40) Total Product Supplied	493,111	15,907
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	392,954	--
(42) Strategic Petroleum Reserve (SPR)	120,860	--
(43) Unfinished Oils	126,190	--
(44) Gasoline Blending Components	53,321	--
(45) Natural Gasoline and Unfractionated Stream	14,631	--
(46) Finished Refined Products [3]	693,252	--
(47) Total Stocks	1,401,209	--

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[1] A balancing item

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

-- Not Applicable

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, April 1981

		Current Month	
		Thousand Barrels	Thousand Barrels per Day
	Crude Oil (Including Lease Condensate)		
	Field Production		
(1)	Alaska	48,235	1,608
(2)	Lower 48 States	208,473	6,949
(3)	Total U.S.	256,708	8,557
	Net Imports		
(4)	Imports (Gross Excluding SPR)	121,976	4,066
(5)	SPR Imports	8,171	272
(6)	Exports	5,931	198
(7)	Imports (Net Including SPR)	124,216	4,141
	Other Sources		
(8)	SPR Withdrawal (+) or Addition (-)	-13,310	-444
(9)	Other Stock Withdrawal (+) or Addition (-)	-4,543	-151
(10)	Used Directly and Losses	-1,874	-62
(11)	Unaccounted for [1]	1,519	51
(12)	Total Other Sources	-18,208	-607
(13)	Crude Input to Refineries (13) = (3) + (7) + (12)	362,716	12,091
	Natural Gas Plant Liquids (NGPL)		
(14)	Field Production	47,957	1,599
(15)	Imports [2]	257	9
(16)	Stock Withdrawal (+) or Addition (-) [2]	185	6
(17)	Total NGPL Supply	48,399	1,613
	Other Liquids		
	Unfinished Oils and Gasoline Blending Components, Total		
(18)	Stock Withdrawal (+) or Addition (-)	3,498	117
(19)	Imports	3,687	123
(20)	Other Hydrocarbons and Alcohol New Supply (Field Production)	1,175	39
(21)	Refinery Processing Gain [1]	13,715	457
(22)	Crude Used Directly	1,761	59
(23)	Total Other Liquids (23) = (18) through (22)	23,836	795
(24)	Total Production of Products [3] (24) = (13) + (17) + (23)	434,951	14,498
	Net Imports of Refined Products [3]		
(25)	Imports (Gross)	35,948	1,198
(26)	Exports	11,162	372
(27)	Imports (Net)	24,786	826
(28)	Total New Supply of Products (28) = (24) + (27)	459,737	15,325
(29)	Refined Products Stock Withdrawal (+) or Addition (-) [3]	752	25
(30)	Total Petroleum Products Supplied for Domestic Use (30) = (28) + (29)	460,490	15,350
(31)	Finished Motor Gasoline	198,068	6,602
(32)	Naphtha-Type Jet Fuel	5,624	187
(33)	Kerosene-Type Jet Fuel	23,403	780
(34)	Kerosene	2,833	94
(35)	Distillate Fuel Oil	75,951	2,532
(36)	Residual Fuel Oil	56,026	1,868
(37)	Liquefied Petroleum Gases and Ethane	39,230	1,308
(38)	Other	66,071	2,202
(39)	Total Reclassified [1]	-6,717	-224
(40)	Total Product Supplied (40) = (31) through (39)	460,490	15,350
	Ending Stocks, All Oils		
(41)	Crude Oil and Lease Condensate (Excluding SPR)	397,497	--
(42)	Strategic Petroleum Reserve (SPR)	134,170	--
(43)	Unfinished Oils	126,508	--
(44)	Gasoline Blending Components	49,505	--
(45)	Natural Gasoline and Unfractionated Stream	14,446	--
(46)	Finished Refined Products [3]	692,500	--
(47)	Total Stocks	1,414,626	--

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[1] A balancing item.
[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.
[3] For products included see Explanatory Note 5.7.
-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, May 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	48,977	1,580
(2) Lower 48 States	214,564	6,921
(3) Total U.S.	263,541	8,501
Net Imports		
(4) Imports (Gross Excluding SPR)	120,933	3,901
(5) SPR Imports	11,953	386
(6) Exports	9,679	312
(7) Imports (Net Including SPR)	123,206	3,974
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-15,898	-513
(9) Other Stock Withdrawal (+) or Addition (-)	3,789	122
(10) Used Directly and Losses	-1,929	-62
(11) Unaccounted for [1]	8,874	286
(12) Total Other Sources	-5,164	-167
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	381,583	12,309
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	49,398	1,593
(15) Imports [2]	244	8
(16) Stock Withdrawal (+) or Addition (-) [2]	1,190	38
(17) Total NGPL Supply	50,832	1,640
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	3,441	111
(19) Imports	3,875	125
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	2,024	65
(21) Refinery Processing Gain [1]	15,336	495
(22) Crude Used Directly	1,833	59
(23) Total Other Liquids (23) = (18) through (22)	26,509	855
(24) Total Production of Products [3] (24) = (13) + (17) + (23)	458,924	14,804
Net Imports of Refined Products [3]		
(25) Imports (Gross)	42,028	1,356
(26) Exports	8,769	283
(27) Imports (Net)	33,260	1,073
(28) Total New Supply of Products (28) = (24) + (27)	492,183	15,877
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-16,240	-524
(30) Total Petroleum Products Supplied for Domestic Use (30) = (28) + (29)	475,943	15,353
(31) Finished Motor Gasoline	205,061	6,615
(32) Naphtha-Type Jet Fuel	6,426	207
(33) Kerosene-Type Jet Fuel	22,130	714
(34) Kerosene	2,647	85
(35) Distillate Fuel Oil	74,733	2,411
(36) Residual Fuel Oil	56,342	1,817
(37) Liquefied Petroleum Gases and Ethane	39,643	1,279
(38) Other	71,139	2,295
(39) Total Reclassified [1]	-2,177	-70
(40) Total Product Supplied (40) = (31) through (39)	475,943	15,353
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	393,708	--
(42) Strategic Petroleum Reserve (SPR)	150,068	--
(43) Unfinished Oils	126,329	--
(44) Gasoline Blending Components	46,243	--
(45) Natural Gasoline and Unfractionated Stream	13,256	--
(46) Finished Refined Products [3]	708,740	--
(47) Total Stocks	1,438,344	--

[1] A balancing item

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, June 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	48,967	1,632
(2) Lower 48 States	209,892	6,996
(3) Total U.S.	258,859	8,629
Net Imports		
(4) Imports (Gross Excluding SPR)	112,279	3,743
(5) SPR Imports	9,539	318
(6) Exports	3,698	123
(7) Imports (Net Including SPR)	118,120	3,937
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-13,013	-434
(9) Other Stock Withdrawal (+) or Addition (-)	8,972	299
(10) Used Directly and Losses	-1,959	-65
(11) Unaccounted for[1]	1,458	49
(12) Total Other Sources	-4,542	-151
(13) Crude Input to Refineries	372,437	12,415
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	47,810	1,594
(15) Imports[2]	104	3
(16) Stock Withdrawal (+) or Addition (-)[2]	-171	-6
(17) Total NGPL Supply	47,743	1,591
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-1,598	-53
(19) Imports	3,635	121
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,950	65
(21) Refinery Processing Gain[1]	14,358	479
(22) Crude Used Directly	1,761	59
(23) Total Other Liquids	20,106	670
(23) = (18) through (22)		
(24) Total Production of Products[3]	440,286	14,676
(24) = (13) + (17) + (23)		
Net Imports of Refined Products[3]		
(25) Imports (Gross)	37,504	1,250
(26) Exports	8,913	297
(27) Imports (Net)	28,591	953
(28) Total New Supply of Products	468,877	15,629
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-)[3]	13,961	465
(30) Total Petroleum Products Supplied for Domestic Use	482,838	16,095
(30) = (28) + (29)		
(31) Finished Motor Gasoline	210,834	7,028
(32) Naphtha-Type Jet Fuel	6,265	209
(33) Kerosene-Type Jet Fuel	25,138	838
(34) Kerosene	2,507	84
(35) Distillate Fuel Oil	73,930	2,464
(36) Residual Fuel Oil	61,115	2,037
(37) Liquefied Petroleum Gases and Ethane	39,133	1,304
(38) Other	72,565	2,419
(39) Total Reclassified[1]	-8,650	-288
(40) Total Product Supplied	482,838	16,095
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	384,736	--
(42) Strategic Petroleum Reserve (SPR)	163,081	--
(43) Unfinished Oils	126,080	--
(44) Gasoline Blending Components	48,090	--
(45) Natural Gasoline and Unfractionated Stream	13,427	--
(46) Finished Refined Products[3]	694,779	--
(47) Total Stocks	1,430,193	--

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, July 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	49,761	1,605
(2) Lower 48 States	213,737	6,895
(3) Total U.S.	263,498	8,500
Net Imports		
(4) Imports (Gross Excluding SPR)	127,736	4,121
(5) SPR Imports	5,425	175
(6) Exports	7,976	257
(7) Imports (Net Including SPR)	125,185	4,038
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-10,047	-324
(9) Other Stock Withdrawal (+) or Addition (-)	-1,116	-36
(10) Used Directly and Losses	-2,007	-65
(11) Unaccounted for [1]	4,570	147
(12) Total Other Sources	-8,600	-277
(13) Crude Input to Refineries	380,083	12,261
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	47,974	1,548
(15) Imports [2]	179	6
(16) Stock Withdrawal (+) or Addition (-) [2]	377	12
(17) Total NGPL Supply	48,529	1,565
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	5,560	179
(19) Imports	2,211	71
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,570	51
(21) Refinery Processing Gain [1]	14,471	467
(22) Crude Used Directly	1,814	59
(23) Total Other Liquids	25,626	827
(23) = (18) through (22)		
(24) Total Production of Products [3]	454,238	14,653
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	44,755	1,444
(26) Exports	9,737	314
(27) Imports (Net)	35,018	1,130
(28) Total New Supply of Products	489,257	15,782
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-3,103	-100
(30) Total Petroleum Products Supplied for Domestic Use	486,154	15,682
(30) = (28) + (29)		
(31) Finished Motor Gasoline	211,513	6,823
(32) Naphtha-Type Jet Fuel	7,092	229
(33) Kerosene-Type Jet Fuel	26,197	845
(34) Kerosene	2,818	91
(35) Distillate Fuel Oil	73,708	2,378
(36) Residual Fuel Oil	61,105	1,971
(37) Liquefied Petroleum Gases and Ethane	38,094	1,229
(38) Other	73,086	2,358
(39) Total Reclassified [1]	-7,460	-241
(40) Total Product Supplied	486,154	15,682
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	385,852	--
(42) Strategic Petroleum Reserve (SPR)	173,128	--
(43) Unfinished Oils	126,060	--
(44) Gasoline Blending Components	42,550	--
(45) Natural Gasoline and Unfractionated Stream	13,050	--
(46) Finished Refined Products [3]	697,882	--
(47) Total Stocks	1,438,522	--

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[1] A balancing item

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7

Not Applicable.

Note. Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, August 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	49,675	1,602
(2) Lower 48 States	216,394	6,980
(3) Total U.S.	266,069	8,583
Net Imports		
(4) Imports (Gross Excluding SPR)	121,588	3,922
(5) SPR Imports	7,969	257
(6) Exports	6,320	204
(7) Imports (Net Including SPR)	123,237	3,975
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-11,546	-372
(9) Other Stock Withdrawal (+) or Addition (-)	23,851	769
(10) Used Directly and Losses	-1,949	-63
(11) Unaccounted for [1]	493	16
(12) Total Other Sources	10,849	350
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	400,155	12,908
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	50,048	1,614
(15) Imports [2]	186	6
(16) Stock Withdrawal (+) or Addition (-) [2]	-628	-20
(17) Total NGPL Supply	49,606	1,600
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-1,277	-41
(19) Imports	5,739	185
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,413	46
(21) Refinery Processing Gain [1]	15,091	487
(22) Crude Used Directly	1,817	59
(23) Total Other Liquids (23) = (18) through (22)	22,783	735
(24) Total Production of Products [3] (24) = (13) + (17) + (23)	472,544	15,243
Net Imports of Refined Products [3]		
(25) Imports (Gross)	43,301	1,397
(26) Exports	13,641	440
(27) Imports (Net)	29,660	957
(28) Total New Supply of Products (28) = (24) + (27)	502,205	16,200
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-29,061	-937
(30) Total Petroleum Products Supplied for Domestic Use (30) = (28) + (29)	473,143	15,263
(31) Finished Motor Gasoline	205,741	6,637
(32) Naphtha-Type Jet Fuel	6,056	195
(33) Kerosene-Type Jet Fuel	25,711	829
(34) Kerosene	2,918	94
(35) Distillate Fuel Oil	74,019	2,388
(36) Residual Fuel Oil	57,421	1,852
(37) Liquefied Petroleum Gases and Ethane	35,975	1,160
(38) Other	73,233	2,362
(39) Total Reclassified [1]	-7,931	-256
(40) Total Product Supplied (40) = (31) through (39)	473,143	15,263
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	362,001	--
(42) Strategic Petroleum Reserve (SPR)	184,674	--
(43) Unfinished Oils	124,490	--
(44) Gasoline Blending Components	45,397	--
(45) Natural Gasoline and Unfractionated Stream	13,678	--
(46) Finished Refined Products [3]	726,943	--
(47) Total Stocks	1,457,183	--

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, September 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	48,212	1,607
(2) Lower 48 States	209,908	6,997
(3) Total U.S.	258,120	8,604
Net Imports		
(4) Imports (Gross Excluding SPR)	129,153	4,305
(5) SPR Imports	13,060	435
(6) Exports	5,813	194
(7) Imports (Net Including SPR)	136,400	4,547
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-14,573	-486
(9) Other Stock Withdrawal (+) or Addition (-)	6,019	201
(10) Used Directly and Losses	-1,958	-65
(11) Unaccounted for [1]	-8,855	-295
(12) Total Other Sources	-19,367	-646
(13) Crude Input to Refineries	375,153	12,505
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	48,363	1,612
(15) Imports [2]	171	6
(16) Stock Withdrawal (+) or Addition (-) [2]	-845	-28
(17) Total NGPL Supply	47,689	1,590
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	4,492	150
(19) Imports	5,673	189
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,947	65
(21) Refinery Processing Gain [1]	13,620	454
(22) Crude Used Directly	1,828	61
(23) Total Other Liquids	27,560	919
(23) = (18) through (22)		
(24) Total Production of Products [3]	450,402	15,013
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	42,883	1,429
(26) Exports	9,765	325
(27) Imports (Net)	33,118	1,104
(28) Total New Supply of Products	483,520	16,117
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-13,883	-463
(30) Total Petroleum Products Supplied for Domestic Use	469,637	15,655
(30) = (28) + (29)		
(31) Finished Motor Gasoline	199,859	6,662
(32) Naphtha-Type Jet Fuel	6,811	227
(33) Kerosene-Type Jet Fuel	24,103	803
(34) Kerosene	2,803	93
(35) Distillate Fuel Oil	75,378	2,513
(36) Residual Fuel Oil	56,472	1,882
(37) Liquefied Petroleum Gases and Ethane	43,147	1,438
(38) Other	68,195	2,273
(39) Total Reclassified [1]	-7,130	-238
(40) Total Product Supplied	469,637	15,655
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	355,982	--
(42) Strategic Petroleum Reserve (SPR)	199,247	--
(43) Unfinished Oils	118,404	--
(44) Gasoline Blending Components	46,991	--
(45) Natural Gasoline and Unfractionated Stream	14,523	--
(46) Finished Refined Products [3]	740,826	--
(47) Total Stocks	1,475,973	--

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[1] A balancing item

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, October 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	49,491	1,596
(2) Lower 48 States	215,959	6,966
(3) Total U.S.	265,450	8,563
Net Imports		
(4) Imports (Gross Excluding SPR)	121,737	3,927
(5) SPR Imports	14,054	453
(6) Exports	6,996	226
(7) Imports (Net Including SPR)	128,795	4,155
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-15,530	-501
(9) Other Stock Withdrawal (+) or Addition (-)	-8,041	-259
(10) Used Directly and Losses	-2,052	-66
(11) Unaccounted for [1]	5,150	166
(12) Total Other Sources	-20,473	-660
(13) Crude Input to Refineries	373,772	12,057
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	49,551	1,598
(15) Imports [2]	807	26
(16) Stock Withdrawal (+) or Addition (-) [2]	1,108	36
(17) Total NGPL Supply	51,466	1,660
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-483	-16
(19) Imports	4,930	159
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,981	64
(21) Refinery Processing Gain [1]	15,389	496
(22) Crude Used Directly	1,928	62
(23) Total Other Liquids	23,745	766
(23) = (18) through (22)		
(24) Total Production of Products [3]	448,982	14,483
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	43,212	1,394
(26) Exports	15,880	512
(27) Imports (Net)	27,332	882
(28) Total New Supply of Products	476,315	15,365
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	14,156	457
(30) Total Petroleum Products Supplied for Domestic Use	490,471	15,822
(30) = (28) + (29)		
(31) Finished Motor Gasoline	203,909	6,578
(32) Naphtha-Type Jet Fuel	5,365	173
(33) Kerosene-Type Jet Fuel	23,515	759
(34) Kerosene	4,150	134
(35) Distillate Fuel Oil	86,900	2,803
(36) Residual Fuel Oil	58,404	1,884
(37) Liquefied Petroleum Gases and Ethane	48,244	1,556
(38) Other	67,788	2,187
(39) Total Reclassified [1]	-7,804	-252
(40) Total Product Supplied	490,471	15,822
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	364,023	—
(42) Strategic Petroleum Reserve (SPR)	214,777	—
(43) Unfinished Oils	119,494	—
(44) Gasoline Blending Components	46,384	—
(45) Natural Gasoline and Unfractionated Stream	13,415	—
(46) Finished Refined Products [3]	726,670	—
(47) Total Stocks	1,484,763	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

— Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, November 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	E 48,427	1,614
(2) Lower 48 States	E 209,152	6,972
(3) Total U.S.	E 257,579	8,586
Net Imports		
(4) Imports (Gross Excluding SPR)	113,234	3,774
(5) SPR Imports	8,144	271
(6) Exports	8,338	278
(7) Imports (Net Including SPR)	113,041	3,768
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-7,765	-259
(9) Other Stock Withdrawal (+) or Addition (-)	-1,972	-66
(10) Used Directly and Losses	-2,044	-68
(11) Unaccounted for [1]	8,361	279
(12) Total Other Sources	-3,420	-114
(13) Crude Input to Refineries	367,200	12,240
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	48,895	1,630
(15) Imports [2]	637	21
(16) Stock Withdrawal (+) or Addition (-) [2]	-578	-19
(17) Total NGPL Supply	48,953	1,632
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	910	30
(19) Imports	4,530	151
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,603	53
(21) Refinery Processing Gain [1]	16,962	565
(22) Crude Used Directly	1,925	64
(23) Total Other Liquids	25,930	864
(23) = (18) through (22)		
(24) Total Production of Products [3]	442,083	14,736
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	45,693	1,523
(26) Exports	12,686	423
(27) Imports (Net)	33,008	1,100
(28) Total New Supply of Products	475,091	15,836
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-7,311	-244
(30) Total Petroleum Products Supplied for Domestic Use	467,780	15,593
(30) = (28) + (29)		
(31) Finished Motor Gasoline	191,184	6,373
(32) Naphtha-Type Jet Fuel	5,860	195
(33) Kerosene-Type Jet Fuel	23,601	787
(34) Kerosene	4,583	153
(35) Distillate Fuel Oil	86,413	2,880
(36) Residual Fuel Oil	57,260	1,909
(37) Liquefied Petroleum Gases and Ethane	44,863	1,495
(38) Other	64,100	2,137
(39) Total Reclassified [1]	-10,082	-336
(40) Total Product Supplied	467,780	15,593
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	365,995	--
(42) Strategic Petroleum Reserve (SPR)	222,542	--
(43) Unfinished Oils	116,414	--
(44) Gasoline Blending Components	48,554	--
(45) Natural Gasoline and Unfractionated Stream	13,993	--
(46) Finished Refined Products [3]	733,981	--
(47) Total Stocks	1,501,479	--

[1] A balancing item

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

E Estimated

-- Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 1. U.S. Petroleum Balance, December 1981

	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	50,307	1,623
(2) Lower 48 States	215,840	6,963
(3) Total U.S.	266,147	8,585
Net Imports		
(4) Imports (Gross Excluding SPR)	123,107	3,971
(5) SPR Imports	5,130	165
(6) Exports	5,857	189
(7) Imports (Net Including SPR)	122,380	3,948
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-7,799	-252
(9) Other Stock Withdrawal (+) or Addition (-)	2,531	82
(10) Used Directly and Losses	-2,065	-67
(11) Unaccounted for [1]	1,618	52
(12) Total Other Sources	-5,715	-184
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	382,812	12,349
Natural Gas Plant Liquids (NGPL)		
(14) Field Production	49,287	1,590
(15) Imports [2]	180	6
(16) Stock Withdrawal (+) or Addition (-) [2]	-1,526	-49
(17) Total NGPL Supply	47,941	1,546
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	3,189	103
(19) Imports	5,864	189
(20) Other Hydrocarbons and Alcohol New Supply (Field Production)	1,378	44
(21) Refinery Processing Gain [1]	17,522	565
(22) Crude Used Directly	1,952	63
(23) Total Other Liquids (23) = (18) through (22)	29,905	965
(24) Total Production of Products [3] (24) = (13) + (17) + (23)	460,658	14,860
Net Imports of Refined Products [3]		
(25) Imports (Gross)	46,852	1,511
(26) Exports	14,464	467
(27) Imports (Net)	32,387	1,045
(28) Total New Supply of Products (28) = (24) + (27)	493,045	15,905
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	21,436	691
(30) Total Petroleum Products Supplied for Domestic Use (30) = (28) + (29)	514,481	16,596
(31) Finished Motor Gasoline	207,115	6,681
(32) Naphtha-Type Jet Fuel	5,381	174
(33) Kerosene-Type Jet Fuel	24,859	802
(34) Kerosene	6,098	197
(35) Distillate Fuel Oil	99,578	3,212
(36) Residual Fuel Oil	69,745	2,250
(37) Liquefied Petroleum Gases and Ethane	50,342	1,624
(38) Other	59,655	1,924
(39) Total Reclassified [1]	-8,292	-267
(40) Total Product Supplied (40) = (31) through (39)	514,481	16,596
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	363,464	—
(42) Strategic Petroleum Reserve (SPR)	230,341	—
(43) Unfinished Oils	111,348	—
(44) Gasoline Blending Components	50,431	—
(45) Natural Gasoline and Unfractionated Stream	15,519	—
(46) Finished Refined Products [3]	712,545	—
(47) Total Stocks	1,483,648	—

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream, and plant condensate only.

[3] For products included see Explanatory Note 5.7.

— Not Applicable.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes 1, 2, and 5.7.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, January 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**264,736**	**0**	**152,907**	**1,535**	**3,513**	**-1,522**	**410,672**	**10,496**	**0**	**486,445**
Natural Gas Plant Liquids and LRGs	**50,416**	**10,040**	**9,874**	**12,353**	**0**	**0**	**18,927**	**656**	**63,100**	**133,791**
Natural Gasoline and Isopentane	9,566	0	1	485	0	0	6,252	0	3,799	11,009
Unfractionated Stream	-581	0	0	607	0	0	0	0	26	4,420
Plant Condensate	1,339	0	373	24	0	0	1,768	0	-33	1,557
Liquefied Petroleum Gases and Ethane	40,093	10,040	9,500	11,238	0	0	10,907	656	59,308	116,805
Ethane	9,721	255	2,363	845	0	0	253	(s)	12,931	4,159
Propane	15,660	8,698	3,287	9,316	0	0	163	339	36,459	59,580
Butane	7,016	799	3,429	1,947	0	0	7,361	316	5,513	26,106
Butane-Propane Mixtures	97	172	421	484	0	0	190	0	984	2,023
Ethane-Propane Mixtures	3,901	0	0	-695	0	0	0	0	3,206	15,360
Isobutane	3,698	116	0	-659	0	0	2,940	0	215	9,578
Other Liquids	**1,227**	**0**	**2,636**	**1,889**	**0**	**0**	**18,352**	**0**	**-12,600**	**172,025**
Other Hydrocarbons and Alcohol	1,227	0	0	23	0	0	1,250	0	0	244
Unfinished Oils	0	0	2,003	2,207	0	0	11,053	0	-6,843	121,521
Motor Gasoline Blending Components	0	0	633	-348	0	0	6,124	0	-5,839	49,808
Aviation Gasoline Blending Components	0	0	0	7	0	0	-75	0	82	452
Finished Petroleum Products	**789**	**456,917**	**46,235**	**21,701**	**0**	**1,322**	**0**	**6,142**	**520,822**	**595,512**
Finished Motor Gasoline	320	207,855	4,263	-13,060	0	0	0	12	199,366	226,603
Finished Leaded Motor Gasoline	148	106,332	2,487	-6,961	0	0	0	12	101,993	127,058
Finished Unleaded Motor Gasoline	172	101,433	1,776	-6,072	0	0	0	0	97,310	99,457
Gasohol	0	90	0	-27	0	0	0	0	63	88
Finished Aviation Gasoline	32	878	0	-137	0	0	0	0	773	2,477
Naphtha-Type Jet Fuel	0	5,114	0	323	0	0	0	0	5,437	6,122
Kerosene-Type Jet Fuel	0	24,536	454	2,576	0	0	0	28	27,538	33,348
Kerosene	1	5,676	437	883	0	0	0	(s)	6,997	10,494
Distillate Fuel Oil	12	92,634	8,475	25,927	0	340	0	5	127,383	179,439
Residual Fuel Oil	0	49,977	31,476	9,351	0	982	0	2,020	89,767	82,145
Naphtha < 400 Deg. for Petro. Feed Use	0	8,182	337	179	0	0	0	85	8,612	3,363
Other Oils > 400 Deg. for Petro. Feed Use	0	10,803	0	-238	0	0	0	384	10,181	2,686
Special Naphthas	105	2,353	410	747	0	0	0	12	3,604	4,250
Lubricants	0	4,989	317	5	0	0	0	714	4,597	13,607
Waxes	0	611	11	28	0	0	0	82	568	514
Petroleum Coke	0	12,469	0	-918	0	0	0	2,754	8,797	5,150
Asphalt	0	9,478	42	-4,078	0	0	0	11	5,431	22,914
Road Oil	0	26	0	200	0	0	0	0	226	55
Still Gas	0	18,141	0	0	0	0	0	0	18,141	0
Miscellaneous Products	317	3,195	13	-87	0	0	0	35	3,403	2,344
Total	317,168	466,957	211,651	37,478	3,513	-200	447,951	17,294	571,321	1,387,773

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, February 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**240,914**	**0**	**136,450**	**-7,773**	**-1,158**	**-1,621**	**361,270**	**5,543**	**0**	**494,218**
Natural Gas Plant Liquids and LRGs	**45,546**	**9,308**	**9,452**	**5,485**	**0**	**0**	**15,686**	**580**	**53,525**	**128,306**
Natural Gasoline and Isopentane	9,000	0	0	677	0	0	5,713	0	3,965	10,332
Unfractionated Stream	109	0	0	-95	0	0	0	0	13	4,515
Plant Condensate	1,131	0	289	58	0	0	1,476	0	2	1,499
Liquefied Petroleum Gases and Ethane	35,306	9,308	9,164	4,845	0	0	8,497	580	49,545	111,959
Ethane	9,238	191	1,784	57	0	0	218	(s)	11,052	4,102
Propane	13,966	7,679	3,286	3,289	0	0	272	302	27,646	56,291
Butane	5,987	890	1,907	1,121	0	0	4,627	278	5,000	24,985
Butane-Propane Mixtures	90	460	492	-160	0	0	253	0	629	2,182
Ethane-Propane Mixtures	2,827	0	1,694	708	0	0	0	0	5,230	14,652
Isobutane	3,198	88	0	-170	0	0	3,127	0	-11	9,748
Other Liquids	**1,013**	**0**	**3,207**	**-5,224**	**0**	**0**	**7,882**	**0**	**-8,886**	**177,249**
Other Hydrocarbons and Alcohol	1,013	0	0	5	0	0	1,018	0	0	239
Unfinished Oils	0	0	2,945	-779	0	0	6,403	0	-4,237	122,300
Motor Gasoline Blending Components	0	0	262	-4,620	0	0	350	0	-4,708	54,428
Aviation Gasoline Blending Components	0	0	0	170	0	0	111	0	59	282
Finished Petroleum Products	**751**	**391,329**	**40,513**	**6,742**	**0**	**1,527**	**0**	**9,813**	**431,050**	**588,770**
Finished Motor Gasoline	379	176,257	3,116	-3,318	0	0	0	19	176,416	229,921
Finished Leaded Motor Gasoline	214	90,471	1,751	-2,654	0	0	0	19	89,763	129,713
Finished Unleaded Motor Gasoline	165	85,710	1,365	-650	0	0	0	0	86,590	100,107
Gasohol	0	76	0	-13	0	0	0	0	63	101
Finished Aviation Gasoline	24	632	0	11	0	0	0	0	668	2,465
Naphtha-Type Jet Fuel	0	4,828	174	265	0	0	0	(s)	5,267	5,857
Kerosene-Type Jet Fuel	0	21,728	879	645	0	0	0	21	23,231	32,703
Kerosene	4	4,483	48	-80	0	0	0	2	4,452	10,574
Distillate Fuel Oil	14	78,635	9,090	6,877	0	305	0	465	94,456	172,562
Residual Fuel Oil	0	43,815	26,712	4,212	0	1,222	0	3,499	72,462	77,933
Naphtha < 400 Deg. for Petro. Feed. Use	0	6,521	108	430	0	0	0	162	6,897	2,933
Other Oils > 400 Deg. for Petro. Feed. Use	0	10,010	0	-21	0	0	0	598	9,391	2,707
Special Naphthas	117	2,612	189	121	0	0	0	29	3,010	4,129
Lubricants	0	4,882	3	372	0	0	0	529	4,728	13,235
Waxes	0	506	34	14	0	0	0	32	522	500
Petroleum Coke	0	10,199	0	30	0	0	0	4,394	5,835	5,120
Asphalt	0	7,381	0	-2,918	0	0	0	4	4,459	25,832
Road Oil	0	-3	0	9	0	0	0	0	6	46
Still Gas	0	15,998	0	0	0	0	0	0	15,998	0
Miscellaneous Products	213	2,845	160	93	0	0	0	58	3,253	2,252
Total	**288,224**	**400,637**	**189,623**	**-770**	**-1,158**	**-94**	**384,838**	**15,936**	**475,689**	**1,388,543**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, March 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**267,003**	**0**	**140,160**	**-19,596**	**4,769**	**-1,945**	**383,872**	**6,519**	**0**	**513,814**
Natural Gas Plant Liquids and LRGs	**49,488**	**9,697**	**8,290**	**1,590**	**0**	**0**	**15,018**	**622**	**53,425**	**126,716**
Natural Gasoline and Isopentane	10,256	0	0	1,299	0	0	5,593	0	5,962	9,033
Unfractionated Stream	-352	0	0	367	0	0	0	0	15	4,146
Plant Condensate	1,193	0	232	49	0	0	1,472	0	2	1,450
Liquefied Petroleum Gases and Ethane	38,391	9,697	8,058	-125	0	0	7,953	622	47,445	112,085
Ethane	9,855	168	1,885	166	0	0	242	(s)	11,832	3,936
Propane	15,314	8,114	1,584	-771	0	0	185	329	23,726	57,062
Butane	6,674	736	1,531	288	0	0	3,631	293	5,305	24,697
Butane-Propane Mixtures	104	598	538	-343	0	0	219	0	678	2,525
Ethane-Propane Mixtures	2,962	0	2,520	275	0	0	0	0	5,756	14,378
Isobutane	3,482	81	0	261	0	0	3,676	0	148	9,487
Other Liquids	**1,091**	**0**	**3,529**	**-2,262**	**0**	**0**	**12,843**	**0**	**-10,485**	**179,511**
Other Hydrocarbons and Alcohol	1,091	0	0	92	0	0	1,183	0	0	147
Unfinished Oils	0	0	2,615	-3,890	0	0	4,747	0	-6,022	126,190
Motor Gasoline Blending Components	0	0	914	1,546	0	0	6,993	0	-4,533	52,882
Aviation Gasoline Blending Components	0	0	0	-10	0	0	-80	0	70	292
Finished Petroleum Products	**846**	**416,077**	**34,895**	**7,602**	**0**	**1,778**	**0**	**11,029**	**450,170**	**581,168**
Finished Motor Gasoline	359	192,256	5,289	-2,509	0	0	0	14	195,382	232,430
Finished Leaded Motor Gasoline	234	99,491	3,227	-3,564	0	0	0	14	99,373	133,277
Finished Unleaded Motor Gasoline	125	92,697	2,063	1,038	0	0	0	0	95,922	99,069
Gasohol	0	68	0	18	0	0	0	0	86	83
Finished Aviation Gasoline	47	660	0	348	0	0	0	0	1,055	2,117
Naphtha-Type Jet Fuel	0	5,860	712	103	0	0	0	(s)	6,674	5,754
Kerosene-Type Jet Fuel	0	24,976	1,633	-567	0	0	0	10	26,032	33,270
Kerosene	5	3,845	232	-579	0	0	0	2	3,501	11,153
Distillate Fuel Oil	10	76,981	4,567	8,190	0	285	0	6	90,027	164,372
Residual Fuel Oil	0	44,136	21,674	3,092	0	1,493	0	4,484	65,911	74,841
Naphtha < 400 Deg. for Petro. Feed. Use	0	8,144	248	-85	0	0	0	262	8,045	3,018
Other Oils > 400 Deg. for Petro. Feed. Use	0	11,449	0	-40	0	0	0	1,031	10,378	2,747
Special Naphthas	155	2,554	227	8	0	0	0	486	2,458	4,121
Lubricants	0	5,255	198	338	0	0	0	892	4,898	12,897
Waxes	0	588	10	30	0	0	0	54	574	470
Petroleum Coke	0	11,775	0	381	0	0	0	3,722	8,434	4,739
Asphalt	0	8,319	87	-1,535	0	0	0	14	6,857	27,367
Road Oil	0	63	0	-54	0	0	0	0	9	100
Still Gas	0	16,683	0	0	0	0	0	0	16,683	0
Miscellaneous Products	270	2,533	19	480	0	0	0	51	3,251	1,772
Total	**318,429**	**425,774**	**186,874**	**-12,666**	**4,769**	**-167**	**411,733**	**18,169**	**493,111**	**1,401,209**

[1] Unaccounted for crude oil is a balancing item
[2] Total equals refinery fuel use and loss.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, April 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**256,708**	**0**	**130,147**	**-17,853**	**1,519**	**-1,874**	**362,716**	**5,931**	**0**	**531,667**
Natural Gas Plant Liquids and LRGs	**47,442**	**9,652**	**6,666**	**-6,891**	**0**	**0**	**13,846**	**768**	**42,255**	**133,607**
Natural Gasoline and Isopentane	7,495	0	(s)	924	0	0	5,410	0	3,009	8,109
Unfractionated Stream	582	0	0	-569	0	0	0	0	14	4,717
Plant Condensate	1,428	0	256	-169	0	0	1,513	0	2	1,619
Liquefied Petroleum Gases and Ethane	37,936	9,652	6,409	-7,076	0	0	6,923	768	39,230	119,161
Ethane	9,066	226	2,043	-156	0	0	221	(s)	10,958	4,092
Propane	14,755	7,738	1,150	-3,866	0	0	192	347	19,238	60,928
Butane	6,670	1,087	1,192	-2,822	0	0	3,127	421	2,580	27,519
Butane-Propane Mixtures	97	481	600	20	0	0	89	0	1,108	2,505
Ethane-Propane Mixtures	3,676	0	1,424	199	0	0	0	0	5,300	14,178
Isobutane	3,672	120	0	-453	0	0	3,294	0	45	9,939
Other Liquids	**1,175**	**0**	**3,687**	**3,498**	**0**	**0**	**15,077**	**0**	**-6,717**	**176,013**
Other Hydrocarbons and Alcohol	1,175	0	0	24	0	0	1,199	0	0	123
Unfinished Oils	0	0	3,017	-318	0	0	7,463	0	-4,764	126,508
Motor Gasoline Blending Components	0	0	670	3,955	0	0	6,657	0	-2,032	48,927
Aviation Gasoline Blending Components	0	0	0	-163	0	0	-242	0	79	455
Finished Petroleum Products	**515**	**395,702**	**29,539**	**7,829**	**0**	**1,761**	**0**	**10,394**	**424,952**	**573,339**
Finished Motor Gasoline	105	183,306	5,589	9,078	0	0	0	9	198,068	223,352
Finished Leaded Motor Gasoline	80	89,997	3,649	5,844	0	0	0	9	99,561	127,433
Finished Unleaded Motor Gasoline	25	93,235	1,940	3,230	0	0	0	0	98,429	95,839
Gasohol	0	74	0	4	0	0	0	0	78	79
Finished Aviation Gasoline	36	732	0	290	0	0	0	0	1,057	1,828
Naphtha-Type Jet Fuel	0	5,112	302	210	0	0	0	0	5,624	5,544
Kerosene-Type Jet Fuel	0	23,676	1,349	-1,604	0	0	0	18	23,403	34,874
Kerosene	4	3,610	50	-825	0	0	0	7	2,833	11,978
Distillate Fuel Oil	10	72,535	3,483	-275	0	298	0	101	75,951	164,647
Residual Fuel Oil	0	39,600	17,513	1,979	0	1,463	0	4,529	56,026	72,862
Naphtha < 400 Deg. for Petro. Feed. Use	0	7,294	316	-636	0	0	0	143	6,831	3,654
Other Oils > 400 Deg. for Petro. Feed. Use	0	11,871	0	213	0	0	0	680	11,404	2,534
Special Naphthas	117	2,285	232	-389	0	0	0	246	1,999	4,511
Lubricants	0	5,239	535	253	0	0	0	564	5,463	12,644
Waxes	0	605	3	-24	0	0	0	42	542	494
Petroleum Coke	0	11,049	0	564	0	0	0	3,995	7,618	4,175
Asphalt	0	9,976	1	-964	0	0	0	18	8,995	28,331
Road Oil	0	18	0	24	0	0	0	0	42	76
Still Gas	0	16,617	0	0	0	0	0	0	16,617	0
Miscellaneous Products	244	2,177	165	-64	0	0	0	43	2,478	1,836
Total	**305,840**	**405,354**	**170,038**	**-13,417**	**1,519**	**-113**	**391,639**	**17,093**	**460,490**	**1,414,626**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**263,541**	**0**	**132,885**	**-12,109**	**8,874**	**-1,929**	**381,583**	**9,679**	**0**	**543,776**
Natural Gas Plant Liquids and LRGs	**48,874**	**10,073**	**6,117**	**-6,821**	**0**	**0**	**13,729**	**591**	**43,922**	**140,428**
Natural Gasoline and Isopentane	8,540	0	0	969	0	0	5,247	0	4,262	7,140
Unfractionated Stream	-127	0	0	141	0	0	0	0	14	4,576
Plant Condensate	1,332	0	244	79	0	0	1,653	0	3	1,540
Liquefied Petroleum Gases and Ethane	39,129	10,073	5,872	-8,011	0	0	6,829	591	39,643	127,172
Ethane	9,556	345	902	236	0	0	267	(s)	10,771	3,856
Propane	15,140	7,891	1,449	-7,029	0	0	161	262	17,028	67,956
Butane	6,784	1,210	1,096	-2,109	0	0	2,385	330	4,267	29,628
Butane-Propane Mixtures	93	510	742	163	0	0	147	0	1,360	2,342
Ethane-Propane Mixtures	3,836	0	1,684	584	0	0	0	0	6,104	13,594
Isobutane	3,721	117	0	143	0	0	3,869	0	112	9,796
Other Liquids	**2,024**	**0**	**3,875**	**3,441**	**0**	**0**	**11,517**	**0**	**-2,177**	**172,572**
Other Hydrocarbons and Alcohol	2,024	0	0	26	0	0	2,050	0	0	97
Unfinished Oils	0	0	3,033	179	0	0	3,779	0	-567	126,329
Motor Gasoline Blending Components	0	0	841	3,241	0	0	5,752	0	-1,670	45,686
Aviation Gasoline Blending Components	0	0	0	-5	0	0	-64	0	59	460
Finished Petroleum Products	**523**	**412,092**	**36,156**	**-8,229**	**0**	**1,833**	**0**	**8,177**	**434,198**	**581,568**
Finished Motor Gasoline	77	189,694	4,643	10,669	0	0	0	23	205,061	212,683
Finished Leaded Motor Gasoline	73	92,724	2,216	13,508	0	0	0	23	108,497	113,926
Finished Unleaded Motor Gasoline	4	96,897	2,428	-2,834	0	0	0	0	96,495	98,673
Gasohol	0	73	0	-5	0	0	0	0	68	84
Finished Aviation Gasoline	29	1,150	0	-311	0	0	0	0	869	2,138
Naphtha-Type Jet Fuel	0	6,136	428	-138	0	0	0	(s)	6,426	5,682
Kerosene-Type Jet Fuel	0	25,039	1,020	-3,913	0	0	0	16	22,130	38,787
Kerosene	5	3,499	(s)	-853	0	0	0	4	2,647	12,831
Distillate Fuel Oil	8	76,053	5,542	-7,190	0	323	0	3	74,733	171,837
Residual Fuel Oil	0	37,907	22,978	-5,272	0	1,510	0	781	56,342	78,134
Naphtha < 400 Deg. for Petro. Feed. Use	0	7,231	621	314	0	0	0	139	8,027	3,340
Other Oils > 400 Deg. for Petro. Feed Use	0	13,823	0	576	0	0	0	973	13,426	1,958
Special Naphthas	112	2,411	249	-417	0	0	0	258	2,096	4,928
Lubricants	0	5,428	374	-489	0	0	0	622	4,691	13,133
Waxes	0	606	7	-6	0	0	0	65	542	500
Petroleum Coke	0	11,766	0	-169	0	0	0	5,211	6,386	4,344
Asphalt	0	11,826	123	-1,013	0	0	0	8	10,928	29,344
Road Oil	0	54	0	-26	0	0	0	0	28	102
Still Gas	0	17,294	0	0	0	0	0	0	17,294	0
Miscellaneous Products	293	2,175	170	8	0	0	0	73	2,573	1,828
Total	314,963	422,165	179,033	-23,718	8,874	-96	406,829	18,448	475,943	1,438,344

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding

Sources and estimation procedures See Explanatory Notes on Data Collection and Estimation

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**258,859**	**0**	**121,818**	**-4,041**	**1,458**	**-1,959**	**372,437**	**3,698**	**0**	**547,817**
Natural Gas Plant Liquids and LRGs	**47,304**	**9,776**	**6,280**	**-6,408**	**0**	**0**	**14,147**	**711**	**42,095**	**146,836**
Natural Gasoline and Isopentane	8,239	0	(s)	115	0	0	5,406	0	2,949	7,025
Unfractionated Stream	223	0	0	-211	0	0	0	0	12	4,787
Plant Condensate	1,610	0	104	-76	0	0	1,637	0	1	1,615
Liquefied Petroleum Gases and Ethane	37,232	9,776	6,176	-6,236	0	0	7,104	711	39,133	133,409
Ethane	9,302	291	922	-191	0	0	305	0	10,019	4,047
Propane	14,158	7,514	1,379	-4,900	0	0	175	329	17,647	72,856
Butane	6,529	1,603	1,063	-2,097	0	0	2,656	382	4,060	31,725
Butane-Propane Mixtures	86	254	1,238	204	0	0	196	0	1,586	2,138
Ethane-Propane Mixtures	3,509	0	1,574	617	0	0	0	0	5,700	12,977
Isobutane	3,648	114	0	131	0	0	3,772	0	121	9,666
Other Liquids	**1,950**	**0**	**3,635**	**-1,598**	**0**	**0**	**12,637**	**0**	**-8,650**	**174,170**
Other Hydrocarbons and Alcohol	1,950	0	0	38	0	0	1,988	0	0	59
Unfinished Oils	0	0	3,298	249	0	0	8,066	0	-4,519	126,080
Motor Gasoline Blending Components	0	0	337	-1,923	0	0	2,633	0	-4,219	47,609
Aviation Gasoline Blending Components	0	0	0	38	0	0	-50	0	88	422
Finished Petroleum Products	**506**	**403,803**	**31,328**	**20,198**	**0**	**1,761**	**0**	**8,203**	**449,393**	**561,370**
Finished Motor Gasoline	84	186,517	5,577	18,675	0	0	0	19	210,834	194,008
Finished Leaded Motor Gasoline	80	92,429	3,058	12,731	0	0	0	19	108,278	101,195
Finished Unleaded Motor Gasoline	4	94,013	2,520	5,939	0	0	0	0	102,476	92,734
Gasohol	0	75	0	5	0	0	0	0	80	79
Finished Aviation Gasoline	52	1,066	0	41	0	0	0	0	1,160	2,097
Naphtha-Type Jet Fuel	0	6,173	457	-365	0	0	0	(s)	6,265	6,047
Kerosene-Type Jet Fuel	0	23,591	1,596	-36	0	0	0	12	25,138	38,823
Kerosene	5	3,112	(s)	-606	0	0	0	5	2,507	13,437
Distillate Fuel Oil	8	75,014	6,746	-8,109	0	285	0	15	73,930	179,945
Residual Fuel Oil	0	36,963	16,211	8,730	0	1,476	0	2,266	61,115	69,404
Naphtha < 400 Deg. for Petro. Feed. Use	0	7,191	16	94	0	0	0	131	7,170	3,246
Other Oils > 400 Deg. for Petro. Feed. Use	0	12,674	0	-327	0	0	0	333	12,014	2,285
Special Naphthas	133	2,017	217	382	0	0	0	713	2,036	4,545
Lubricants	0	5,056	245	-461	0	0	0	550	4,290	13,594
Waxes	0	586	38	-31	0	0	0	27	566	531
Petroleum Coke	0	11,971	0	554	0	0	0	4,076	8,449	3,790
Asphalt	0	11,889	208	1,674	0	0	0	6	13,765	27,670
Road Oil	0	18	0	27	0	0	0	0	45	75
Still Gas	0	17,650	0	0	0	0	0	0	17,650	0
Miscellaneous Products	223	2,315	16	-45	0	0	0	50	2,459	1,873
Total	**308,619**	**413,579**	**163,061**	**8,151**	**1,458**	**-198**	**399,221**	**12,611**	**482,838**	**1,430,193**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, July 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**263,498**	**0**	**133,162**	**-11,163**	**4,570**	**-2,007**	**380,083**	**7,976**	**0**	**558,980**
Natural Gas Plant Liquids and LRGs	**47,459**	**9,505**	**6,770**	**-7,630**	**0**	**0**	**14,379**	**540**	**41,185**	**154,466**
Natural Gasoline and Isopentane	8,213	0	(s)	851	0	0	5,993	0	3,071	6,173
Unfractionated Stream	479	0	0	-463	0	0	0	0	16	5,251
Plant Condensate	1,556	0	178	-11	0	0	1,720	0	3	1,627
Liquefied Petroleum Gases and Ethane	37,211	9,505	6,591	-8,007	0	0	6,666	540	38,094	141,416
Ethane	8,929	103	1,509	88	0	0	274	(s)	10,354	3,959
Propane	13,511	7,572	2,138	-5,676	0	0	108	228	17,210	78,532
Butane	6,857	1,460	1,131	-2,338	0	0	2,495	312	4,302	34,063
Butane-Propane Mixtures	91	276	414	224	0	0	183	0	823	1,914
Ethane-Propane Mixtures	4,121	0	1,399	-205	0	0	0	0	5,315	13,182
Isobutane	3,703	94	0	-101	0	0	3,606	0	90	9,767
Other Liquids	**1,570**	**0**	**2,211**	**5,560**	**0**	**0**	**16,801**	**0**	**-7,460**	**168,610**
Other Hydrocarbons and Alcohol	1,570	0	0	-35	0	0	1,535	0	0	94
Unfinished Oils	0	0	1,653	20	0	0	6,264	0	-4,591	126,060
Motor Gasoline Blending Components	0	0	558	5,594	0	0	9,116	0	-2,964	42,015
Aviation Gasoline Blending Components	0	0	0	-19	0	0	-114	0	95	441
Finished Petroleum Products	**514**	**416,229**	**38,164**	**4,904**	**0**	**1,814**	**0**	**9,196**	**452,429**	**556,466**
Finished Motor Gasoline	74	198,470	4,676	8,305	0	0	0	12	211,513	185,703
Finished Leaded Motor Gasoline	68	98,982	3,083	3,241	0	0	0	12	105,363	97,954
Finished Unleaded Motor Gasoline	6	99,404	1,592	5,072	0	0	0	0	106,075	87,662
Gasohol	0	84	0	-8	0	0	0	0	76	87
Finished Aviation Gasoline	89	1,212	0	-103	0	0	0	0	1,198	2,200
Naphtha-Type Jet Fuel	0	6,639	441	13	0	0	0	1	7,092	6,034
Kerosene-Type Jet Fuel	0	25,523	641	53	0	0	0	19	26,197	38,770
Kerosene	5	2,691	0	125	0	0	0	3	2,818	13,312
Distillate Fuel Oil	8	74,227	5,539	-6,319	0	325	0	72	73,708	186,264
Residual Fuel Oil	0	36,380	25,726	56	0	1,489	0	2,546	61,105	69,348
Naphtha < 400 Deg for Petro Feed Use	0	7,041	326	-334	0	0	0	126	6,907	3,580
Other Oils > 400 Deg. for Petro. Feed Use	0	10,784	0	550	0	0	0	733	10,601	1,735
Special Naphthas	134	2,248	254	413	0	0	0	292	2,757	4,133
Lubricants	0	5,006	252	278	0	0	0	443	5,093	13,316
Waxes	0	595	10	-29	0	0	0	46	529	560
Petroleum Coke	0	11,726	0	-273	0	0	0	4,841	6,612	4,063
Asphalt	0	12,709	210	2,213	0	0	0	3	15,129	25,457
Road Oil	0	91	0	-11	0	0	0	0	80	86
Still Gas	0	18,431	0	0	0	0	0	0	18,431	0
Miscellaneous Products	204	2,456	91	-33	0	0	0	60	2,657	1,905
Total	313,042	425,734	180,306	-8,329	4,570	-193	411,263	17,713	486,154	1,438,522

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels.

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures See Explanatory Notes on Data Collection and Estimation

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, August 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**266,069**	**0**	**129,557**	**12,305**	**493**	**-1,949**	**400,155**	**6,320**	**0**	**546,675**
Natural Gas Plant Liquids and LRGs	**48,500**	**10,582**	**6.226**	**-8,127**	**0**	**0**	**14,414**	**4,633**	**39,145**	**162,593**
Natural Gasoline and Isopentane	10,299	0	1	-1,525	0	0	5,620	0	3,155	7,698
Unfractionated Stream	-907	0	0	920	0	0	0	0	12	4,331
Plant Condensate	1,356	0	185	-22	0	0	1,517	0	2	1,649
Liquefied Petroleum Gases and Ethane	38,752	10,592	6,041	-7,499	0	0	7,277	4,633	35,975	148,915
Ethane	9,410	318	1,839	-261	0	0	220	(s)	11,086	4,220
Propane	14,023	8,970	1,640	-3,392	0	0	121	1,868	19,252	81,924
Butane	6,790	823	1,421	-1,916	0	0	2,816	2,765	1,538	35,979
Butane-Propane Mixtures	103	367	1,017	45	0	0	180	0	1,353	1,868
Ethane-Propane Mixtures	4,774	0	123	-2,279	0	0	0	0	2,618	15,460
Isobutane	3,651	114	0	303	0	0	3,940	0	128	9,464
Other Liquids	**1,413**	**0**	**5,739**	**-1,277**	**0**	**0**	**13,806**	**0**	**-7,931**	**169,887**
Other Hydrocarbons and Alcohol	1,413	0	0	-65	0	0	1,348	0	0	159
Unfinished Oils	0	0	4,397	1,570	0	0	9,860	0	-3,893	124,490
Motor Gasoline Blending Components	0	0	1,341	-2,724	0	0	2,741	0	-4,124	44,739
Aviation Gasoline Blending Components	0	0	0	-58	0	0	-143	0	85	499
Finished Petroleum Products	**548**	**432,874**	**37,261**	**-21,562**	**0**	**1,817**	**0**	**9,008**	**441,930**	**578,028**
Finished Motor Gasoline	82	204,855	3,832	-2,940	0	0	0	87	205,741	188,643
Finished Leaded Motor Gasoline	73	100,184	2,299	-387	0	0	0	87	102,081	98,341
Finished Unleaded Motor Gasoline	9	104,577	1,533	-2,551	0	0	0	0	103,568	90,213
Gasohol	0	94	0	-2	0	0	0	0	92	89
Finished Aviation Gasoline	67	1,175	0	-60	0	0	0	0	1,182	2,260
Naphtha-Type Jet Fuel	0	6,789	112	-845	0	0	0	(s)	6,056	6,879
Kerosene-Type Jet Fuel	0	23,458	1,359	916	0	0	0	22	25,711	37,854
Kerosene	6	3,062	336	-482	0	0	0	3	2,918	13,794
Distillate Fuel Oil	6	82,316	5,400	-13,960	0	263	0	7	74,019	200,224
Residual Fuel Oil	0	38,168	25,391	-5,554	0	1,554	0	2,138	57,421	74,902
Naphtha < 400 Deg. for Petro. Feed. Use	0	6,812	241	-406	0	0	0	116	6,532	3,986
Other Oils > 400 Deg. for Petro. Feed. Use	0	11,580	0	-14	0	0	0	510	11,056	1,749
Special Naphthas	125	2,002	130	-24	0	0	0	808	1,424	4,157
Lubricants	0	5,274	247	-745	0	0	0	476	4,300	14,061
Waxes	0	675	24	-61	0	0	0	20	618	621
Petroleum Coke	0	12,214	0	115	0	0	0	4,775	7,554	3,948
Asphalt	0	13,329	149	2,406	0	0	0	9	15,875	23,051
Road Oil	0	178	0	1	0	0	0	0	179	85
Still Gas	0	18,307	0	0	0	0	0	0	18,307	0
Miscellaneous Products	262	2,680	41	91	0	0	0	38	3,037	1,814
Total	**317,530**	**443,466**	**178,783**	**-18,661**	**493**	**-132**	**428,375**	**19,961**	**473,143**	**1,457,183**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, September 1981 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**258,120**	**0**	**142,213**	**-8,554**	**-8,855**	**-1,958**	**375,153**	**5,813**	**0**	**555,229**
Natural Gas Plant Liquids and LRGs	**47,909**	**9,790**	**6,150**	**-3,103**	**0**	**0**	**15,873**	**616**	**44,257**	**165,697**
Natural Gasoline and Isopentane	6,979	0	0	-364	0	0	5,514	0	1,100	8,062
Unfractionated Stream	603	0	0	-595	0	0	0	0	8	4,926
Plant Condensate	1,459	0	171	115	0	0	1,743	0	1	1,534
Liquefied Petroleum Gases and Ethane	38,869	9,790	5,979	-2,259	0	0	8,616	616	43,147	151,174
Ethane	8,934	419	1,110	-312	0	0	213	(s)	9,938	4,532
Propane	14,145	8,297	1,508	-456	0	0	132	306	23,056	82,380
Butane	6,936	815	1,872	-2,439	0	0	4,310	310	2,565	38,417
Butane-Propane Mixtures	100	235	993	100	0	0	172	0	1,256	1,768
Ethane-Propane Mixtures	5,216	0	497	599	0	0	0	0	6,311	14,862
Isobutane	3,537	24	0	249	0	0	3,789	0	21	9,215
Other Liquids	**1,947**	**0**	**5,673**	**4,492**	**0**	**0**	**19,242**	**0**	**-7,130**	**165,395**
Other Hydrocarbons and Alcohol	1,947	0	0	11	0	0	1,958	0	0	148
Unfinished Oils	0	0	4,872	6,086	0	0	14,491	0	-3,533	118,404
Motor Gasoline Blending Components	0	0	801	-1,639	0	0	2,903	0	-3,741	46,378
Aviation Gasoline Blending Components	0	0	0	34	0	0	-110	0	144	465
Finished Petroleum Products	**454**	**414,098**	**36,903**	**-11,624**	**0**	**1,828**	**0**	**9,149**	**432,510**	**589,652**
Finished Motor Gasoline	59	196,866	5,074	-2,088	0	0	0	52	199,859	190,731
Finished Leaded Motor Gasoline	55	96,498	2,374	837	0	0	0	52	99,711	97,504
Finished Unleaded Motor Gasoline	4	100,302	2,700	-2,935	0	0	0	0	100,071	93,148
Gasohol	0	66	0	10	0	0	0	0	76	79
Finished Aviation Gasoline	71	1,000	0	-365	0	0	0	0	706	2,625
Naphtha-Type Jet Fuel	0	6,029	0	782	0	0	0	0	6,811	6,097
Kerosene-Type Jet Fuel	0	21,949	1,366	808	0	0	0	20	24,103	37,046
Kerosene	6	2,670	268	-141	0	0	0	(s)	2,803	13,935
Distillate Fuel Oil	9	78,306	3,872	-7,064	0	287	0	32	75,378	207,287
Residual Fuel Oil	0	38,764	25,236	-5,289	0	1,541	0	3,781	56,472	80,191
Naphtha < 400 Deg. for Petro. Feed. Use	0	6,253	157	-109	0	0	0	109	6,192	4,095
Other Oils > 400 Deg. for Petro. Feed. Use	0	10,252	0	104	0	0	0	468	9,888	1,645
Special Naphthas	121	1,878	284	-144	0	0	0	439	1,701	4,301
Lubricants	0	4,434	324	337	0	0	0	454	4,641	13,724
Waxes	0	538	41	34	0	0	0	20	593	587
Petroleum Coke	0	12,328	0	123	0	0	0	3,731	8,720	3,825
Asphalt	0	11,837	272	1,738	0	0	0	5	13,842	21,313
Road Oil	0	80	0	8	0	0	0	0	88	77
Still Gas	0	17,382	0	0	0	0	0	0	17,382	0
Miscellaneous Products	188	3,532	10	-359	0	0	0	37	3,334	2,173
Total	308,430	423,888	190,939	-18,790	-8,855	-130	410,268	15,578	469,637	1,475,973

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures See Explanatory Notes on Data Collection and Estimation

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**265,450**	**0**	**135,791**	**-23,571**	**5,150**	**-2,052**	**373,772**	**6,996**	**0**	**578,800**
Natural Gas Plant Liquids and LRGs	**49,102**	**9,270**	**9,707**	**3,325**	**0**	**0**	**17,678**	**2,349**	**51,377**	**162,372**
Natural Gasoline and Isopentane	8,862	0	631	-170	0	0	6,225	0	3,098	8,233
Unfractionated Stream	-1,149	0	0	1,181	0	0	0	0	32	3,746
Plant Condensate	1,272	0	176	97	0	0	1,542	0	3	1,437
Liquefied Petroleum Gases and Ethane	40,118	9,270	8,900	2,217	0	0	9,911	2,349	48,244	148,957
Ethane	9,367	364	863	-94	0	0	206	(s)	10,293	4,626
Propane	15,135	8,473	3,009	2,797	0	0	115	1,015	28,284	79,583
Butane	7,643	293	3,147	1,130	0	0	5,727	1,334	5,152	37,288
Butane-Propane Mixtures	108	140	587	156	0	0	182	0	809	1,612
Ethane-Propane Mixtures	4,283	0	1,293	-1,873	0	0	0	0	3,704	16,735
Isobutane	3,581	0	0	102	0	0	3,681	0	2	9,113
Other Liquids	**1,981**	**0**	**4,930**	**-483**	**0**	**0**	**14,232**	**0**	**-7,804**	**165,878**
Other Hydrocarbons and Alcohol	1,981	0	0	0	0	0	1,981	0	0	148
Unfinished Oils	0	0	4,261	-1,090	0	0	6,440	0	-3,269	119,494
Motor Gasoline Blending Components	0	0	668	779	0	0	6,091	0	-4,644	45,599
Aviation Gasoline Blending Components	0	0	0	-172	0	0	-280	0	108	637
Finished Petroleum Products	**449**	**411,801**	**34,312**	**11,939**	**0**	**1,928**	**0**	**13,530**	**446,899**	**577,713**
Finished Motor Gasoline	54	199,155	4,557	231	0	0	0	88	203,909	190,500
Finished Leaded Motor Gasoline	51	100,886	2,665	-579	0	0	0	88	102,934	98,084
Finished Unleaded Motor Gasoline	3	98,204	1,892	783	0	0	0	0	100,882	92,365
Gasohol	0	65	0	28	0	0	0	0	93	51
Finished Aviation Gasoline	90	921	0	7	0	0	0	0	1,018	2,618
Naphtha-Type Jet Fuel	0	5,861	0	-496	0	0	0	(s)	5,365	6,593
Kerosene-Type Jet Fuel	0	22,107	435	987	0	0	0	14	23,515	36,059
Kerosene	7	2,687	196	1,264	0	0	0	4	4,150	12,671
Distillate Fuel Oil	7	77,020	3,678	6,098	0	264	0	167	86,900	201,189
Residual Fuel Oil	0	38,380	24,353	260	0	1,664	0	6,253	58,404	79,931
Naphtha < 400 Deg. for Petro. Feed. Use	0	5,711	415	491	0	0	0	116	6,501	3,604
Other Oils > 400 Deg. for Petro. Feed. Use	0	10,688	0	-380	0	0	0	729	9,579	2,025
Special Naphthas	105	1,848	212	211	0	0	0	351	2,026	4,089
Lubricants	0	4,849	305	862	0	0	0	728	5,288	12,862
Waxes	0	560	34	-18	0	0	0	53	523	605
Petroleum Coke	0	11,756	0	285	0	0	0	4,976	7,065	3,540
Asphalt	0	10,458	116	3,008	0	0	0	10	13,572	18,305
Road Oil	0	12	0	16	0	0	0	0	28	61
Still Gas	0	16,451	0	0	0	0	0	0	16,451	0
Miscellaneous Products	186	3,337	10	-888	0	0	0	41	2,605	3,061
Total	**316,982**	**421,071**	**184,739**	**-8,790**	**5,150**	**-124**	**405,682**	**22,876**	**490,471**	**1,484,763**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, November 1981
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**E 257,579**	**0**	**121,378**	**-9,737**	**8,361**	**-2,044**	**367,200**	**8,338**	**0**	**588,537**
Natural Gas Plant Liquids and LRGs	**48,570**	**8,934**	**9,046**	**1,987**	**0**	**0**	**17,884**	**1,754**	**48,899**	**160,385**
Natural Gasoline and Isopentane	9,535	0	487	-710	0	0	5,292	0	4,020	8,942
Unfractionated Stream	-358	0	0	372	0	0	0	0	14	3,374
Plant Condensate	1,202	0	150	-241	0	0	1,110	0	2	1,677
Liquefied Petroleum Gases and Ethane	38,191	8,934	8,409	2,565	0	0	11,482	1,754	44,863	146,392
Ethane	8,865	322	1,127	147	0	0	318	(s)	10,143	4,479
Propane	14,190	8,157	2,432	-702	0	0	165	763	23,148	80,285
Butane	6,787	337	2,006	4,035	0	0	7,267	991	4,906	33,253
Butane-Propane Mixtures	108	114	76	-340	0	0	229	0	-270	1,951
Ethane-Propane Mixtures	4,744	0	2,768	-580	0	0	0	0	6,932	17,315
Isobutane	3,497	4	0	4	0	0	3,503	0	2	9,109
Other Liquids	**1,603**	**0**	**4,530**	**910**	**0**	**0**	**17,125**	**0**	**-10,082**	**164,968**
Other Hydrocarbons and Alcohol	1,603	0	0	-61	0	0	1,542	0	0	209
Unfinished Oils	0	0	3,296	3,080	0	0	12,491	0	-6,115	116,414
Motor Gasoline Blending Components	0	0	1,233	-2,204	0	0	3,077	0	-4,048	47,803
Aviation Gasoline Blending Components	0	0	0	95	0	0	15	0	80	542
Finished Petroleum Products	**325**	**410,237**	**37,284**	**-9,876**	**0**	**1,925**	**0**	**10,931**	**428,964**	**587,589**
Finished Motor Gasoline	45	196,861	4,448	-10,143	0	0	0	27	191,184	200,643
Finished Leaded Motor Gasoline	39	98,931	2,180	-5,890	0	0	0	27	95,234	103,973
Finished Unleaded Motor Gasoline	6	97,853	2,268	-4,252	0	0	0	0	95,875	96,617
Gasohol	0	77	0	-2	0	0	0	0	75	53
Finished Aviation Gasoline	39	742	0	-74	0	0	0	0	706	2,692
Naphtha-Type Jet Fuel	0	6,235	0	-141	0	0	0	234	5,860	6,734
Kerosene-Type Jet Fuel	0	22,554	272	798	0	0	0	23	23,601	35,261
Kerosene	6	3,686	563	329	0	0	0	1	4,583	12,342
Distillate Fuel Oil	3	81,463	3,734	1,074	0	332	0	193	86,413	200,115
Residual Fuel Oil	0	36,800	26,406	-1,460	0	1,593	0	6,079	57,260	81,391
Naphtha < 400 Deg for Petro Feed Use	0	5,216	793	507	0	0	0	98	6,418	3,097
Other Oils > 400 Deg for Petro Feed Use	0	9,223	0	199	0	0	0	658	8,764	1,826
Special Naphthas	51	1,894	598	-393	0	0	0	249	1,900	4,483
Lubricants	0	5,017	99	-1,018	0	0	0	407	3,691	13,880
Waxes	0	519	38	-30	0	0	0	21	506	635
Petroleum Coke	0	12,122	0	641	0	0	0	2,852	8,629	4,181
Asphalt	0	8,917	126	542	0	0	0	11	9,674	17,663
Road Oil	0	-1	0	19	0	0	0	0	18	42
Still Gas	0	16,223	0	0	0	0	0	0	16,223	0
Miscellaneous Products	181	2,766	207	157	0	0	0	78	3,534	2,604
Total	308,077	419,171	172,239	-16,716	8,361	-119	402,209	21,023	467,780	1,501,479

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

E Estimated.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**266,147**	**0**	**128,238**	**-5,268**	**1,618**	**-2,065**	**382,812**	**5,857**	**0**	**593,805**
Natural Gas Plant Liquids and LRGs	**48,918**	**8,165**	**8,096**	**10,215**	**0**	**0**	**19,521**	**1,544**	**54,328**	**150,170**
Natural Gasoline and Isopentane	9,486	0	(s)	-450	0	0	5,065	0	3,971	9,393
Unfractionated Stream	1,194	0	0	-1,178	0	0	3	0	12	4,552
Plant Condensate	899	0	179	103	0	0	1,179	0	2	1,574
Liquefied Petroleum Gases and Ethane	37,339	8,165	7,916	11,741	0	0	13,274	1,544	50,342	134,651
Ethane	8,558	216	606	-436	0	0	285	(s)	8,659	4,915
Propane	14,558	8,230	2,639	4,727	0	0	123	627	29,404	75,558
Butane	6,282	-299	2,055	5,999	0	0	9,339	917	3,780	27,254
Butane-Propane Mixtures	114	-14	156	199	0	0	260	0	195	1,752
Ethane-Propane Mixtures	4,669	0	2,460	881	0	0	0	0	8,010	16,434
Isobutane	3,158	32	0	371	0	0	3,267	0	294	8,738
Other Liquids	**1,378**	**0**	**5,864**	**3,189**	**0**	**0**	**18,723**	**0**	**-8,292**	**161,779**
Other Hydrocarbons and Alcohol	1,378	0	0	1	0	0	1,379	0	0	208
Unfinished Oils	0	0	5,401	5,066	0	0	13,214	0	-2,747	111,348
Motor Gasoline Blending Components	0	0	463	-1,729	0	0	4,354	0	-5,620	49,532
Aviation Gasoline Blending Components	0	0	0	-149	0	0	-224	0	75	691
Finished Petroleum Products	**369**	**430,413**	**38,936**	**9,695**	**0**	**1,952**	**0**	**12,920**	**468,444**	**577,894**
Finished Motor Gasoline	67	204,090	6,117	-2,826	0	0	0	333	207,115	203,469
Finished Leaded Motor Gasoline	62	101,289	3,448	-4,112	0	0	0	333	100,355	108,085
Finished Unleaded Motor Gasoline	5	102,689	2,668	1,292	0	0	0	0	106,654	95,325
Gasohol	0	112	0	-6	0	0	0	0	106	59
Finished Aviation Gasoline	61	734	0	-40	0	0	0	0	755	2,733
Naphtha-Type Jet Fuel	0	5,652	49	-320	0	0	0	0	5,381	7,054
Kerosene-Type Jet Fuel	0	23,650	180	1,250	0	0	0	222	24,859	34,011
Kerosene	5	4,500	293	1,300	0	0	0	(s)	6,098	11,042
Distillate Fuel Oil	3	88,548	2,944	8,574	0	329	0	820	99,578	191,541
Residual Fuel Oil	0	41,198	28,393	3,399	0	1,623	0	4,868	69,745	77,992
Naphtha < 400 Deg. for Petro. Feed. Use	0	5,430	69	628	0	0	0	320	5,808	2,469
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,592	0	76	0	0	0	430	8,238	1,750
Special Naphthas	47	1,550	128	518	0	0	0	238	2,006	3,965
Lubricants	0	5,132	171	-424	0	0	0	603	4,276	14,304
Waxes	0	554	10	-35	0	0	0	32	497	670
Petroleum Coke	0	13,055	(s)	-321	0	0	0	4,964	7,771	4,502
Asphalt	0	7,333	94	-1,924	0	0	0	47	5,456	19,587
Road Oil	0	-5	0	16	0	0	0	0	11	26
Still Gas	0	17,222	0	0	0	0	0	0	17,222	0
Miscellaneous Products	185	3,178	487	-176	0	0	0	46	3,629	2,780
Total	**316,812**	**438,578**	**181,133**	**17,831**	**1,618**	**-113**	**421,056**	**20,322**	**514,481**	**1,483,648**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 1981
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,540**	**0**	**4,932**	**50**	**113**	**-49**	**13,247**	**339**	**0**
Natural Gas Plant Liquids and LRGs	**1,626**	**324**	**319**	**398**	**0**	**0**	**611**	**21**	**2,035**
Natural Gasoline and Isopentane	309	0	(s)	16	0	0	202	0	123
Unfractionated Stream	-19	0	0	20	0	0	0	0	1
Plant Condensate	43	0	12	1	0	0	57	0	-1
Liquefied Petroleum Gases and Ethane	1,293	324	306	363	0	0	352	21	1,913
Ethane	314	8	76	27	0	0	8	(s)	417
Propane	505	281	106	301	0	0	5	11	1,176
Butane	226	26	111	63	0	0	237	10	178
Butane-Propane Mixtures	3	6	14	16	0	0	6	0	32
Ethane-Propane Mixtures	126	0	0	-22	0	0	0	0	103
Isobutane	119	4	0	-21	0	0	95	0	7
Other Liquids	**40**	**0**	**85**	**61**	**0**	**0**	**592**	**0**	**-406**
Other Hydrocarbons and Alcohol	40	0	0	1	0	0	40	0	0
Unfinished Oils	0	0	65	71	0	0	357	0	-221
Motor Gasoline Blending Components	0	0	20	-11	0	0	198	0	-188
Aviation Gasoline Blending Components	0	0	0	(s)	0	0	-2	0	3
Finished Petroleum Products	**25**	**14,739**	**1,491**	**700**	**0**	**43**	**0**	**198**	**16,801**
Finished Motor Gasoline	10	6,705	138	-421	0	0	0	(s)	6,431
Finished Leaded Motor Gasoline	5	3,430	80	-225	0	0	0	(s)	3,290
Finished Unleaded Motor Gasoline	6	3,272	57	-196	0	0	0	0	3,139
Gasohol	0	3	0	-1	0	0	0	0	2
Finished Aviation Gasoline	1	28	0	-4	0	0	0	0	25
Naphtha-Type Jet Fuel	0	165	0	10	0	0	0	0	175
Kerosene-Type Jet Fuel	0	791	15	83	0	0	0	1	888
Kerosene	(s)	183	14	28	0	0	0	(s)	226
Distillate Fuel Oil	(s)	2,988	273	836	0	11	0	(s)	4,109
Residual Fuel Oil	0	1,612	1,015	302	0	32	0	65	2,896
Naphtha < 400 Deg. for Petro. Feed. Use	0	264	11	6	0	0	0	3	278
Other Oils > 400 Deg. for Petro. Feed. Use	0	348	0	-8	0	0	0	12	328
Special Naphthas	3	76	13	24	0	0	0	(s)	116
Lubricants	0	161	10	(s)	0	0	0	23	148
Waxes	0	20	(s)	1	0	0	0	3	18
Petroleum Coke	0	402	0	-30	0	0	0	89	284
Asphalt	0	306	1	-132	0	0	0	(s)	175
Road Oil	0	1	0	6	0	0	0	0	7
Still Gas	0	585	0	0	0	0	0	0	585
Miscellaneous Products	10	103	(s)	-3	0	0	0	1	110
Total	**10,231**	**15,063**	**6,827**	**1,209**	**113**	**-6**	**14,450**	**558**	**18,430**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,604**	**0**	**4,873**	**-278**	**-41**	**-58**	**12,902**	**198**	**0**
Natural Gas Plant Liquids and LRGs	**1,627**	**332**	**338**	**196**	**0**	**0**	**560**	**21**	**1,912**
Natural Gasoline and Isopentane	321	0	0	24	0	0	204	0	142
Unfractionated Stream	4	0	0	-3	0	0	0	0	(s)
Plant Condensate	40	0	10	2	0	0	53	0	(s)
Liquefied Petroleum Gases and Ethane	1,261	332	327	173	0	0	303	21	1,769
Ethane	330	7	64	2	0	0	8	(s)	395
Propane	499	274	117	117	0	0	10	11	987
Butane	214	32	68	40	0	0	165	10	179
Butane-Propane Mixtures	3	16	18	-6	0	0	9	0	22
Ethane-Propane Mixtures	101	0	61	25	0	0	0	0	187
Isobutane	114	3	0	-6	0	0	112	0	(s)
Other Liquids	**36**	**0**	**115**	**-187**	**0**	**0**	**281**	**0**	**-317**
Other Hydrocarbons and Alcohol	36	0	0	(s)	0	0	36	0	0
Unfinished Oils	0	0	105	-28	0	0	229	0	-151
Motor Gasoline Blending Components	0	0	9	-165	0	0	12	0	-168
Aviation Gasoline Blending Components	0	0	0	6	0	0	4	0	2
Finished Petroleum Products	**27**	**13,976**	**1,447**	**241**	**0**	**55**	**0**	**350**	**15,395**
Finished Motor Gasoline	14	6,295	111	-118	0	0	0	1	6,301
Finished Leaded Motor Gasoline	8	3,231	63	-95	0	0	0	1	3,206
Finished Unleaded Motor Gasoline	6	3,061	49	-23	0	0	0	0	3,092
Gasohol	0	3	0	(s)	0	0	0	0	2
Finished Aviation Gasoline	1	23	0	(s)	0	0	0	0	24
Naphtha-Type Jet Fuel	0	172	6	9	0	0	0	(s)	188
Kerosene-Type Jet Fuel	0	776	31	23	0	0	0	1	830
Kerosene	(s)	160	2	-3	0	0	0	(s)	159
Distillate Fuel Oil	1	2,808	325	246	0	11	0	17	3,373
Residual Fuel Oil	0	1,565	954	150	0	44	0	125	2,588
Naphtha < 400 Deg. for Petro. Feed. Use	0	233	4	15	0	0	0	6	246
Other Oils > 400 Deg. for Petro. Feed. Use	0	357	0	-1	0	0	0	21	335
Special Naphthas	4	93	7	4	0	0	0	1	108
Lubricants	0	174	(s)	13	0	0	0	19	169
Waxes	0	18	1	1	0	0	0	1	19
Petroleum Coke	0	364	0	1	0	0	0	157	208
Asphalt	0	264	0	-104	0	0	0	(s)	159
Road Oil	0	(s)	0	(s)	0	0	0	0	(s)
Still Gas	0	571	0	0	0	0	0	0	571
Miscellaneous Products	8	102	6	3	0	0	0	2	116
Total	**10,294**	**14,308**	**6,772**	**-27**	**-41**	**-3**	**13,744**	**569**	**16,989**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 1981
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,613**	**0**	**4,521**	**-632**	**154**	**-63**	**12,383**	**210**	**0**
Natural Gas Plant Liquids and LRGs	**1,596**	**313**	**267**	**51**	**0**	**0**	**484**	**20**	**1,723**
Natural Gasoline and Isopentane	331	0	0	42	0	0	180	0	192
Unfractionated Stream	-11	0	0	12	0	0	0	0	(s)
Plant Condensate	38	0	7	2	0	0	47	0	(s)
Liquefied Petroleum Gases and Ethane	1,238	313	260	-4	0	0	257	20	1,530
Ethane	318	5	61	5	0	0	8	(s)	382
Propane	494	262	51	-25	0	0	6	11	765
Butane	215	24	49	9	0	0	117	9	171
Butane-Propane Mixtures	3	19	17	-11	0	0	7	0	22
Ethane-Propane Mixtures	96	0	81	9	0	0	0	0	186
Isobutane	112	3	0	8	0	0	119	0	5
Other Liquids	**35**	**0**	**114**	**-73**	**0**	**0**	**414**	**0**	**-338**
Other Hydrocarbons and Alcohol	35	0	0	3	0	0	38	0	0
Unfinished Oils	0	0	84	-125	0	0	153	0	-194
Motor Gasoline Blending Components	0	0	29	50	0	0	226	0	-146
Aviation Gasoline Blending Components	0	0	0	(s)	0	0	-3	0	2
Finished Petroleum Products	**27**	**13,422**	**1,126**	**245**	**0**	**57**	**0**	**356**	**14,522**
Finished Motor Gasoline	12	6,202	171	-81	0	0	0	(s)	6,303
Finished Leaded Motor Gasoline	8	3,209	104	-115	0	0	0	(s)	3,206
Finished Unleaded Motor Gasoline	4	2,990	67	33	0	0	0	0	3,094
Gasohol	0	2	0	1	0	0	0	0	3
Finished Aviation Gasoline	2	21	0	11	0	0	0	0	34
Naphtha-Type Jet Fuel	0	189	23	3	0	0	0	(s)	215
Kerosene-Type Jet Fuel	0	806	53	-18	0	0	0	(s)	840
Kerosene	(s)	124	7	-19	0	0	0	(s)	113
Distillate Fuel Oil	(s)	2,483	147	264	0	9	0	(s)	2,904
Residual Fuel Oil	0	1,424	699	100	0	48	0	145	2,126
Naphtha < 400 Deg. for Petro. Feed. Use	0	263	8	-3	0	0	0	8	260
Other Oils > 400 Deg. for Petro. Feed. Use	0	369	0	-1	0	0	0	33	335
Special Naphthas	5	82	7	(s)	0	0	0	16	79
Lubricants	0	170	6	11	0	0	0	29	158
Waxes	0	19	(s)	1	0	0	0	2	19
Petroleum Coke	0	380	0	12	0	0	0	120	272
Asphalt	0	268	3	-50	0	0	0	(s)	221
Road Oil	0	2	0	-2	0	0	0	0	(s)
Still Gas	0	538	0	0	0	0	0	0	538
Miscellaneous Products	9	82	1	15	0	0	0	2	105
Total	**10,272**	**13,735**	**6,028**	**-409**	**154**	**-5**	**13,282**	**586**	**15,907**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note. Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,557**	**0**	**4,338**	**-595**	**51**	**-62**	**12,091**	**198**	**0**
Natural Gas Plant Liquids and LRGs	**1,581**	**322**	**222**	**-230**	**0**	**0**	**462**	**26**	**1,408**
Natural Gasoline and Isopentane	250	0	(s)	31	0	0	180	0	100
Unfractionated Stream	19	0	0	-19	0	0	0	0	(s)
Plant Condensate	48	0	9	-6	0	0	50	0	(s)
Liquefied Petroleum Gases and Ethane	1,265	322	214	-236	0	0	231	26	1,308
Ethane	302	8	68	-5	0	0	7	(s)	365
Propane	492	258	38	-129	0	0	6	12	641
Butane	222	36	40	-94	0	0	104	14	86
Butane-Propane Mixtures	3	16	20	1	0	0	3	0	37
Ethane-Propane Mixtures	123	0	47	7	0	0	0	0	177
Isobutane	122	4	0	-15	0	0	110	0	2
Other Liquids	**39**	**0**	**123**	**117**	**0**	**0**	**503**	**0**	**-224**
Other Hydrocarbons and Alcohol	39	0	0	1	0	0	40	0	0
Unfinished Oils	0	0	101	-11	0	0	249	0	-159
Motor Gasoline Blending Components	0	0	22	132	0	0	222	0	-68
Aviation Gasoline Blending Components	0	0	0	-5	0	0	-8	0	3
Finished Petroleum Products	**17**	**13,190**	**985**	**261**	**0**	**59**	**0**	**346**	**14,165**
Finished Motor Gasoline	3	6,110	186	303	0	0	0	(s)	6,602
Finished Leaded Motor Gasoline	3	3,000	122	195	0	0	0	(s)	3,319
Finished Unleaded Motor Gasoline	1	3,108	65	108	0	0	0	0	3,281
Gasohol	0	2	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	1	24	0	10	0	0	0	0	35
Naphtha-Type Jet Fuel	0	170	10	7	0	0	0	0	187
Kerosene-Type Jet Fuel	0	789	45	-53	0	0	0	1	780
Kerosene	(s)	120	2	-27	0	0	0	(s)	94
Distillate Fuel Oil	(s)	2,418	116	-9	0	10	0	3	2,532
Residual Fuel Oil	0	1,320	584	66	0	49	0	151	1,868
Naphtha < 400 Deg. for Petro. Feed. Use	0	243	11	-21	0	0	0	5	228
Other Oils > 400 Deg. for Petro. Feed. Use	0	396	0	7	0	0	0	23	380
Special Naphthas	4	76	8	-13	0	0	0	8	67
Lubricants	0	175	18	8	0	0	0	19	182
Waxes	0	20	(s)	-1	0	0	0	1	18
Petroleum Coke	0	368	0	19	0	0	0	133	254
Asphalt	0	333	(s)	-32	0	0	0	1	300
Road Oil	0	1	0	1	0	0	0	0	1
Still Gas	0	554	0	0	0	0	0	0	554
Miscellaneous Products	8	73	6	-2	0	0	0	1	83
Total	**10,195**	**13,512**	**5,668**	**-447**	**51**	**-4**	**13,055**	**570**	**15,350**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
(s) Less than 500 barrels per day.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,501**	**0**	**4,287**	**-391**	**286**	**-62**	**12,309**	**312**	**0**
Natural Gas Plant Liquids and LRGs	**1,577**	**325**	**197**	**-220**	**0**	**0**	**443**	**19**	**1,417**
Natural Gasoline and Isopentane	275	0	0	31	0	0	169	0	137
Unfractionated Stream	-4	0	0	5	0	0	0	0	(s)
Plant Condensate	43	0	8	3	0	0	53	0	(s)
Liquefied Petroleum Gases and Ethane	1,262	325	189	-258	0	0	220	19	1,279
Ethane	308	11	29	8	0	0	9	(s)	347
Propane	488	255	47	-227	0	0	5	8	549
Butane	219	39	35	-68	0	0	77	11	138
Butane-Propane Mixtures	3	16	24	5	0	0	5	0	44
Ethane-Propane Mixtures	124	0	54	19	0	0	0	0	197
Isobutane	120	4	0	5	0	0	125	0	4
Other Liquids	**65**	**0**	**125**	**111**	**0**	**0**	**372**	**0**	**-70**
Other Hydrocarbons and Alcohol	65	0	0	1	0	0	66	0	0
Unfinished Oils	0	0	98	6	0	0	122	0	-18
Motor Gasoline Blending Components	0	0	27	105	0	0	186	0	-54
Aviation Gasoline Blending Components	0	0	0	(s)	0	0	-2	0	2
Finished Petroleum Products	**17**	**13,293**	**1,166**	**-265**	**0**	**59**	**0**	**264**	**14,006**
Finished Motor Gasoline	2	6,119	150	344	0	0	0	1	6,615
Finished Leaded Motor Gasoline	2	2,991	71	436	0	0	0	1	3,500
Finished Unleaded Motor Gasoline	(s)	3,126	78	-91	0	0	0	0	3,113
Gasohol	0	2	0	(s)	0	0	0	0	2
Finished Aviation Gasoline	1	37	0	-10	0	0	0	0	28
Naphtha-Type Jet Fuel	0	198	14	-4	0	0	0	(s)	207
Kerosene-Type Jet Fuel	0	808	33	-126	0	0	0	1	714
Kerosene	(s)	113	(s)	-28	0	0	0	(s)	85
Distillate Fuel Oil	(s)	2,453	179	-232	0	10	0	(s)	2,411
Residual Fuel Oil	0	1,223	741	-170	0	49	0	25	1,817
Naphtha < 400 Deg. for Petro. Feed. Use	0	233	20	10	0	0	0	4	259
Other Oils > 400 Deg. for Petro. Feed Use	0	446	0	19	0	0	0	31	433
Special Naphthas	4	78	8	-13	0	0	0	8	68
Lubricants	0	175	12	-16	0	0	0	20	151
Waxes	0	20	(s)	(s)	0	0	0	2	17
Petroleum Coke	0	380	0	-5	0	0	0	168	206
Asphalt	0	381	4	-33	0	0	0	(s)	353
Road Oil	0	2	0	-1	0	0	0	0	1
Still Gas	0	558	0	0	0	0	0	0	558
Miscellaneous Products	9	70	5	(s)	0	0	0	2	83
Total	**10,160**	**13,618**	**5,775**	**-765**	**286**	**-3**	**13,124**	**595**	**15,353**

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels per day

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,629**	**0**	**4,061**	**-135**	**49**	**-65**	**12,415**	**123**	**0**
Natural Gas Plant Liquids and LRGs	**1,577**	**326**	**209**	**-214**	**0**	**0**	**472**	**24**	**1,403**
Natural Gasoline and Isopentane	275	0	(s)	4	0	0	180	0	98
Unfractionated Stream	7	0	0	-7	0	0	0	0	(s)
Plant Condensate	54	0	3	-3	0	0	55	0	(s)
Liquefied Petroleum Gases and Ethane	1,241	326	206	-208	0	0	237	24	1,304
Ethane	310	10	31	-6	0	0	10	0	334
Propane	472	250	46	-163	0	0	6	11	588
Butane	218	53	35	-70	0	0	89	13	135
Butane-Propane Mixtures	3	8	41	7	0	0	7	0	53
Ethane-Propane Mixtures	117	0	52	21	0	0	0	0	190
Isobutane	122	4	0	4	0	0	126	0	4
Other Liquids	**65**	**0**	**121**	**-53**	**0**	**0**	**421**	**0**	**-288**
Other Hydrocarbons and Alcohol	65	0	0	1	0	0	66	0	0
Unfinished Oils	0	0	110	8	0	0	269	0	-151
Motor Gasoline Blending Components	0	0	11	-64	0	0	88	0	-141
Aviation Gasoline Blending Components	0	0	0	1	0	0	-2	0	3
Finished Petroleum Products	**17**	**13,460**	**1,044**	**673**	**0**	**59**	**0**	**273**	**14,980**
Finished Motor Gasoline	3	6,217	186	622	0	0	0	1	7,028
Finished Leaded Motor Gasoline	3	3,081	102	424	0	0	0	1	3,609
Finished Unleaded Motor Gasoline	(s)	3,134	84	198	0	0	0	0	3,416
Gasohol	0	2	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	36	0	1	0	0	0	0	39
Naphtha-Type Jet Fuel	0	206	15	-12	0	0	0	(s)	209
Kerosene-Type Jet Fuel	0	786	53	-1	0	0	0	(s)	838
Kerosene	(s)	104	(s)	-20	0	0	0	(s)	84
Distillate Fuel Oil	(s)	2,500	225	-270	0	9	0	(s)	2,464
Residual Fuel Oil	0	1,232	540	291	0	49	0	76	2,037
Naphtha < 400 Deg. for Petro. Feed. Use	0	240	1	3	0	0	0	4	239
Other Oils > 400 Deg. for Petro. Feed. Use	0	422	0	-11	0	0	0	11	400
Special Naphthas	4	67	7	13	0	0	0	24	68
Lubricants	0	169	8	-15	0	0	0	18	143
Waxes	0	20	1	-1	0	0	0	1	19
Petroleum Coke	0	399	0	18	0	0	0	136	282
Asphalt	0	396	7	56	0	0	0	(s)	459
Road Oil	0	1	0	1	0	0	0	0	1
Still Gas	0	588	0	0	0	0	0	0	588
Miscellaneous Products	7	77	1	-1	0	0	0	2	82
Total	**10,287**	**13,786**	**5,435**	**272**	**49**	**-7**	**13,307**	**420**	**16,095**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 1981
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,500**	**0**	**4,296**	**-360**	**147**	**-65**	**12,261**	**257**	**0**
Natural Gas Plant Liquids and LRGs	**1,531**	**307**	**218**	**-246**	**0**	**0**	**464**	**17**	**1,329**
Natural Gasoline and Isopentane	265	0	(s)	27	0	0	193	0	99
Unfractionated Stream	15	0	0	-15	0	0	0	0	1
Plant Condensate	50	0	6	(s)	0	0	55	0	(s)
Liquefied Petroleum Gases and Ethane	1,200	307	213	-258	0	0	215	17	1,229
Ethane	288	3	49	3	0	0	9	(s)	334
Propane	436	244	69	-183	0	0	3	7	555
Butane	221	47	36	-75	0	0	80	10	139
Butane-Propane Mixtures	3	9	13	7	0	0	6	0	27
Ethane-Propane Mixtures	133	0	45	-7	0	0	0	0	171
Isobutane	119	3	0	-3	0	0	116	0	3
Other Liquids	**51**	**0**	**71**	**179**	**0**	**0**	**542**	**0**	**-241**
Other Hydrocarbons and Alcohol	51	0	0	-1	0	0	50	0	0
Unfinished Oils	0	0	53	1	0	0	202	0	-148
Motor Gasoline Blending Components	0	0	18	180	0	0	294	0	-96
Aviation Gasoline Blending Components	0	0	0	-1	0	0	-4	0	3
Finished Petroleum Products	**17**	**13,427**	**1,231**	**158**	**0**	**59**	**0**	**297**	**14,594**
Finished Motor Gasoline	2	6,402	151	268	0	0	0	(s)	6,823
Finished Leaded Motor Gasoline	2	3,193	99	105	0	0	0	(s)	3,399
Finished Unleaded Motor Gasoline	(s)	3,207	51	164	0	0	0	0	3,422
Gasohol	0	3	0	(s)	0	0	0	0	2
Finished Aviation Gasoline	3	39	0	-3	0	0	0	0	39
Naphtha-Type Jet Fuel	0	214	14	(s)	0	0	0	(s)	229
Kerosene-Type Jet Fuel	0	823	21	2	0	0	0	1	845
Kerosene	(s)	87	0	4	0	0	0	(s)	91
Distillate Fuel Oil	(s)	2,394	179	-204	0	10	0	2	2,378
Residual Fuel Oil	0	1,174	830	2	0	48	0	82	1,971
Naphtha < 400 Deg. for Petro. Feed. Use	0	227	11	-11	0	0	0	4	223
Other Oils > 400 Deg. for Petro. Feed. Use	0	348	0	18	0	0	0	24	342
Special Naphthas	4	73	8	13	0	0	0	9	89
Lubricants	0	161	8	9	0	0	0	14	164
Waxes	0	19	(s)	-1	0	0	0	1	17
Petroleum Coke	0	378	0	-9	0	0	0	156	213
Asphalt	0	410	7	71	0	0	0	(s)	488
Road Oil	0	3	0	(s)	0	0	0	0	3
Still Gas	0	595	0	0	0	0	0	0	595
Miscellaneous Products	7	79	3	-1	0	0	0	2	86
Total	**10,098**	**13,733**	**5,816**	**-269**	**147**	**-6**	**13,267**	**571**	**15,682**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal(+) Addi-tion(-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,583**	**0**	**4,179**	**397**	**16**	**-63**	**12,908**	**204**	**0**
Natural Gas Plant Liquids and LRGs	**1,597**	**342**	**201**	**-262**	**0**	**0**	**465**	**149**	**1,263**
Natural Gasoline and Isopentane	332	0	(s)	-49	0	0	181	0	102
Unfractionated Stream	-29	0	0	30	0	0	0	0	(s)
Plant Condensate	44	0	6	-1	0	0	49	0	(s)
Liquefied Petroleum Gases and Ethane	1,250	342	195	-242	0	0	235	149	1,160
Ethane	304	10	59	-8	0	0	7	(s)	358
Propane	452	289	53	-109	0	0	4	60	621
Butane	219	27	46	-62	0	0	91	89	50
Butane-Propane Mixtures	3	12	33	1	0	0	6	0	44
Ethane-Propane Mixtures	154	0	4	-74	0	0	0	0	84
Isobutane	118	4	0	10	0	0	127	0	4
Other Liquids	**46**	**0**	**185**	**-41**	**0**	**0**	**445**	**0**	**-256**
Other Hydrocarbons and Alcohol	46	0	0	-2	0	0	43	0	0
Unfinished Oils	0	0	142	51	0	0	318	0	-126
Motor Gasoline Blending Components	0	0	43	-88	0	0	88	0	-133
Aviation Gasoline Blending Components	0	0	0	-2	0	0	-5	0	3
Finished Petroleum Products	**18**	**13,964**	**1,202**	**-696**	**0**	**59**	**0**	**291**	**14,256**
Finished Motor Gasoline	3	6,608	124	-95	0	0	0	3	6,637
Finished Leaded Motor Gasoline	2	3,232	74	-12	0	0	0	3	3,293
Finished Unleaded Motor Gasoline	(s)	3,373	49	-82	0	0	0	0	3,341
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	38	0	-2	0	0	0	0	38
Naphtha-Type Jet Fuel	0	219	4	-27	0	0	0	(s)	195
Kerosene-Type Jet Fuel	0	757	44	30	0	0	0	1	829
Kerosene	(s)	99	11	-16	0	0	0	(s)	94
Distillate Fuel Oil	(s)	2,655	174	-450	0	8	0	(s)	2,388
Residual Fuel Oil	0	1,231	819	-179	0	50	0	69	1,852
Naphtha < 400 Deg. for Petro. Feed. Use	0	220	8	-13	0	0	0	4	211
Other Oils > 400 Deg. for Petro. Feed. Use	0	374	0	(s)	0	0	0	16	357
Special Naphthas	4	65	4	-1	0	0	0	26	46
Lubricants	0	170	8	-24	0	0	0	15	139
Waxes	0	22	1	-2	0	0	0	1	20
Petroleum Coke	0	394	0	4	0	0	0	154	244
Asphalt	0	430	5	78	0	0	0	(s)	512
Road Oil	0	6	0	(s)	0	0	0	0	6
Still Gas	0	591	0	0	0	0	0	0	591
Miscellaneous Products	8	86	1	3	0	0	0	1	98
Total	**10,243**	**14,305**	**5,767**	**-602**	**16**	**-4**	**13,819**	**644**	**15,263**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,604**	**0**	**4,740**	**-285**	**-295**	**-65**	**12,505**	**194**	**0**
Natural Gas Plant Liquids and LRGs	**1,597**	**326**	**205**	**-103**	**0**	**0**	**529**	**21**	**1,475**
Natural Gasoline and Isopentane	233	0	0	-12	0	0	184	0	37
Unfractionated Stream	20	0	0	-20	0	0	0	0	(s)
Plant Condensate	49	0	6	4	0	0	58	0	(s)
Liquefied Petroleum Gases and Ethane	1,296	326	199	-75	0	0	287	21	1,438
Ethane	298	14	37	-10	0	0	7	(s)	331
Propane	472	277	50	-15	0	0	4	10	769
Butane	231	27	62	-81	0	0	144	10	85
Butane-Propane Mixtures	3	8	33	3	0	0	6	0	42
Ethane-Propane Mixtures	174	0	17	20	0	0	0	0	210
Isobutane	118	1	0	8	0	0	126	0	1
Other Liquids	**65**	**0**	**189**	**150**	**0**	**0**	**641**	**0**	**-238**
Other Hydrocarbons and Alcohol	65	0	0	(s)	0	0	65	0	0
Unfinished Oils	0	0	162	203	0	0	483	0	-118
Motor Gasoline Blending Components	0	0	27	-55	0	0	97	0	-125
Aviation Gasoline Blending Components	0	0	0	1	0	0	-4	0	5
Finished Petroleum Products	**15**	**13,803**	**1,230**	**-387**	**0**	**61**	**0**	**305**	**14,417**
Finished Motor Gasoline	2	6,562	169	-70	0	0	0	2	6,662
Finished Leaded Motor Gasoline	2	3,217	79	28	0	0	0	2	3,324
Finished Unleaded Motor Gasoline	(s)	3,343	90	-98	0	0	0	0	3,336
Gasohol	0	2	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	33	0	-12	0	0	0	0	24
Naphtha-Type Jet Fuel	0	201	0	26	0	0	0	0	227
Kerosene-Type Jet Fuel	0	732	46	27	0	0	0	1	803
Kerosene	(s)	89	9	-5	0	0	0	(s)	93
Distillate Fuel Oil	(s)	2,610	129	-235	0	10	0	1	2,513
Residual Fuel Oil	0	1,292	841	-176	0	51	0	126	1,882
Naphtha < 400 Deg. for Petro. Feed. Use	0	208	5	-4	0	0	0	4	206
Other Oils > 400 Deg. for Petro. Feed. Use	0	342	0	3	0	0	0	16	330
Special Naphthas	4	63	9	-5	0	0	0	15	57
Lubricants	0	148	11	11	0	0	0	15	155
Waxes	0	18	1	1	0	0	0	1	20
Petroleum Coke	0	411	0	4	0	0	0	124	291
Asphalt	0	395	9	58	0	0	0	(s)	461
Road Oil	0	3	0	(s)	0	0	0	0	3
Still Gas	0	579	0	0	0	0	0	0	579
Miscellaneous Products	6	118	(s)	-12	0	0	0	1	111
Total	**10,281**	**14,130**	**6,365**	**-626**	**-295**	**-4**	**13,676**	**519**	**15,655**

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels per day

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,563**	**0**	**4,380**	**-760**	**166**	**-66**	**12,057**	**226**	**0**
Natural Gas Plant Liquids and LRGs	**1,584**	**299**	**313**	**107**	**0**	**0**	**570**	**76**	**1,657**
Natural Gasoline and Isopentane	286	0	20	-5	0	0	201	0	100
Unfractionated Stream	-37	0	0	38	0	0	0	0	1
Plant Condensate	41	0	6	3	0	0	50	0	(s)
Liquefied Petroleum Gases and Ethane	1,294	299	287	72	0	0	320	76	1,556
Ethane	302	12	28	-3	0	0	7	(s)	332
Propane	488	273	97	90	0	0	4	33	912
Butane	247	9	102	36	0	0	185	43	166
Butane-Propane Mixtures	3	5	19	5	0	0	6	0	26
Ethane-Propane Mixtures	138	0	42	-60	0	0	0	0	119
Isobutane	116	0	0	3	0	0	119	0	(s)
Other Liquids	**64**	**0**	**159**	**-16**	**0**	**0**	**459**	**0**	**-252**
Other Hydrocarbons and Alcohol	64	0	0	(s)	0	0	64	0	0
Unfinished Oils	0	0	137	-35	0	0	208	0	-105
Motor Gasoline Blending Components	0	0	22	25	0	0	196	0	-150
Aviation Gasoline Blending Components	0	0	0	-6	0	0	-9	0	3
Finished Petroleum Products	**14**	**13,284**	**1,107**	**385**	**0**	**62**	**0**	**436**	**14,416**
Finished Motor Gasoline	2	6,424	147	7	0	0	0	3	6,578
Finished Leaded Motor Gasoline	2	3,254	86	-19	0	0	0	3	3,320
Finished Unleaded Motor Gasoline	(s)	3,168	61	25	0	0	0	0	3,254
Gasohol	0	2	0	1	0	0	0	0	3
Finished Aviation Gasoline	3	30	0	(s)	0	0	0	0	33
Naphtha-Type Jet Fuel	0	189	0	-16	0	0	0	(s)	173
Kerosene-Type Jet Fuel	0	713	14	32	0	0	0	(s)	759
Kerosene	(s)	87	6	41	0	0	0	(s)	134
Distillate Fuel Oil	(s)	2,485	119	197	0	9	0	5	2,803
Residual Fuel Oil	0	1,238	786	8	0	54	0	202	1,884
Naphtha < 400 Deg. for Petro. Feed. Use	0	184	13	16	0	0	0	4	210
Other Oils > 400 Deg. for Petro. Feed. Use	0	345	0	-12	0	0	0	24	309
Special Naphthas	3	60	7	7	0	0	0	11	65
Lubricants	0	156	10	28	0	0	0	23	171
Waxes	0	18	1	-1	0	0	0	2	17
Petroleum Coke	0	379	0	9	0	0	0	161	228
Asphalt	0	337	4	97	0	0	0	(s)	438
Road Oil	0	(s)	0	1	0	0	0	0	1
Still Gas	0	531	0	0	0	0	0	0	531
Miscellaneous Products	6	108	(s)	-29	0	0	0	1	84
Total	**10,225**	**13,583**	**5,959**	**-284**	**166**	**-4**	**13,087**	**738**	**15,822**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 1981
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**E 8,586**	**0**	**4,046**	**-325**	**279**	**-68**	**12,240**	**278**	**0**
Natural Gas Plant Liquids and LRGs	**1,619**	**298**	**302**	**66**	**0**	**0**	**596**	**58**	**1,630**
Natural Gasoline and Isopentane	318	0	16	-24	0	0	176	0	134
Unfractionated Stream	-12	0	0	12	0	0	0	0	(s)
Plant Condensate	40	0	5	-8	0	0	37	0	(s)
Liquefied Petroleum Gases and Ethane	1,273	298	280	86	0	0	383	58	1,495
Ethane	296	11	38	5	0	0	11	(s)	338
Propane	473	272	81	-23	0	0	5	25	772
Butane	226	11	67	135	0	0	242	33	164
Butane-Propane Mixtures	4	4	3	-11	0	0	8	0	-9
Ethane-Propane Mixtures	158	0	92	-19	0	0	0	0	231
Isobutane	117	(s)	0	(s)	0	0	117	0	(s)
Other Liquids	**53**	**0**	**151**	**30**	**0**	**0**	**571**	**0**	**-336**
Other Hydrocarbons and Alcohol	53	0	0	-2	0	0	51	0	0
Unfinished Oils	0	0	110	103	0	0	416	0	-204
Motor Gasoline Blending Components	0	0	41	-73	0	0	103	0	-135
Aviation Gasoline Blending Components	0	0	0	3	0	0	(s)	0	3
Finished Petroleum Products	**11**	**13,675**	**1,243**	**-329**	**0**	**64**	**0**	**364**	**14,299**
Finished Motor Gasoline	2	6,562	148	-338	0	0	0	1	6,373
Finished Leaded Motor Gasoline	1	3,298	73	-196	0	0	0	1	3,174
Finished Unleaded Motor Gasoline	(s)	3,262	76	-142	0	0	0	0	3,196
Gasohol	0	3	0	(s)	0	0	0	0	2
Finished Aviation Gasoline	1	25	0	-2	0	0	0	0	24
Naphtha-Type Jet Fuel	0	208	0	-5	0	0	0	8	195
Kerosene-Type Jet Fuel	0	752	9	27	0	0	0	1	787
Kerosene	(s)	123	19	11	0	0	0	(s)	153
Distillate Fuel Oil	(s)	2,715	124	36	0	11	0	6	2,880
Residual Fuel Oil	0	1,227	880	-49	0	53	0	203	1,909
Naphtha < 400 Deg. for Petro. Feed Use	0	174	26	17	0	0	0	3	214
Other Oils > 400 Deg. for Petro. Feed Use	0	307	0	7	0	0	0	22	292
Special Naphthas	2	63	20	-13	0	0	0	8	63
Lubricants	0	167	3	-34	0	0	0	14	123
Waxes	0	17	1	-1	0	0	0	1	17
Petroleum Coke	0	404	0	-21	0	0	0	95	288
Asphalt	0	297	4	21	0	0	0	(s)	322
Road Oil	0	(s)	0	1	0	0	0	0	1
Still Gas	0	541	0	0	0	0	0	0	541
Miscellaneous Products	6	92	7	15	0	0	0	3	118
Total	**10,269**	**13,972**	**5,741**	**-557**	**279**	**-4**	**13,407**	**701**	**15,593**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss

(s) Less than 500 barrels per day

E = Estimated

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,585**	**0**	**4,137**	**-170**	**52**	**-67**	**12,349**	**189**	**0**
Natural Gas Plant Liquids and LRGs	**1,578**	**263**	**261**	**330**	**0**	**0**	**630**	**50**	**1,753**
Natural Gasoline and Isopentane	306	0	(s)	-15	0	0	163	0	128
Unfractionated Stream	39	0	0	-38	0	0	(s)	0	(s)
Plant Condensate	29	0	6	3	0	0	38	0	(s)
Liquefied Petroleum Gases and Ethane	1,204	263	255	379	0	0	428	50	1,624
Ethane	276	7	20	-14	0	0	9	(s)	279
Propane	470	265	85	152	0	0	4	20	949
Butane	203	-10	66	194	0	0	301	30	122
Butane-Propane Mixtures	4	(s)	5	6	0	0	8	0	6
Ethane-Propane Mixtures	151	0	79	28	0	0	0	0	258
Isobutane	102	1	0	12	0	0	105	0	9
Other Liquids	**44**	**0**	**189**	**103**	**0**	**0**	**604**	**0**	**-267**
Other Hydrocarbons and Alcohol	44	0	0	(s)	0	0	44	0	0
Unfinished Oils	0	0	174	163	0	0	426	0	-89
Motor Gasoline Blending Components	0	0	15	-56	0	0	140	0	-181
Aviation Gasoline Blending Components	0	0	0	-5	0	0	-7	0	2
Finished Petroleum Products	**12**	**13,884**	**1,256**	**313**	**0**	**63**	**0**	**417**	**15,111**
Finished Motor Gasoline	2	6,584	197	-91	0	0	0	11	6,681
Finished Leaded Motor Gasoline	2	3,267	111	-133	0	0	0	11	3,237
Finished Unleaded Motor Gasoline	(s)	3,313	86	42	0	0	0	0	3,440
Gasohol	0	4	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	24	0	-1	0	0	0	0	24
Naphtha-Type Jet Fuel	0	182	2	-10	0	0	0	0	174
Kerosene-Type Jet Fuel	0	763	6	40	0	0	0	7	802
Kerosene	(s)	145	9	42	0	0	0	(s)	197
Distillate Fuel Oil	(s)	2,856	95	277	0	11	0	26	3,212
Residual Fuel Oil	0	1,329	916	110	0	52	0	157	2,250
Naphtha < 400 Deg. for Petro. Feed. Use	0	175	2	20	0	0	0	10	187
Other Oils > 400 Deg. for Petro. Feed. Use	0	277	0	2	0	0	0	14	266
Special Naphthas	2	50	4	17	0	0	0	8	65
Lubricants	0	166	6	-14	0	0	0	19	138
Waxes	0	18	(s)	-1	0	0	0	1	16
Petroleum Coke	0	421	(s)	-10	0	0	0	160	251
Asphalt	0	237	3	-62	0	0	0	2	176
Road Oil	0	(s)	0	1	0	0	0	0	(s)
Still Gas	0	556	0	0	0	0	0	0	556
Miscellaneous Products	6	103	16	-6	0	0	0	1	117
Total	**10,220**	**14,148**	**5,843**	**575**	**52**	**-4**	**13,582**	**656**	**16,596**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**4,243**	**0**	**36,649**	**1,696**	**-1,667**	**-21**	**4,685**	**45,584**	**2**	**0**	**19,711**
Natural Gas Plant Liquids and LRGs	**1,456**	**1,414**	**1,396**	**1,258**	**0**	**0**	**4,083**	**87**	**70**	**9,450**	**3,986**
Liquefied Petroleum Gases	577	1,414	1,394	1,250	0	0	4,083	81	70	8,566	3,967
Ethane	505	0	1	0	0	0	0	0	0	506	0
Other Products[3]	375	0	1	9	0	0	0	6	0	378	19
Other Liquids	**118**	**0**	**1,643**	**440**	**0**	**0**	**-170**	**3,049**	**0**	**-1,018**	**21,282**
Other Hydrocarbons and Alcohol	118	0	0	2	0	0	0	120	0	0	4
Unfinished Oils	0	0	1,643	639	0	0	-170	1,921	0	191	14,862
Motor Gasoline Blending Components	0	0	0	-166	0	0	0	1,043	0	-1,209	6,368
Aviation Gasoline Blending Components	0	0	0	-35	0	0	0	-35	0	0	48
Finished Petroleum Products	**58**	**49,231**	**43,505**	**26,280**	**0**	**0**	**94,908**	**0**	**369**	**213,613**	**201,302**
Finished Motor Gasoline	58	21,202	3,888	-176	0	0	45,111	0	(s)	70,082	65,313
Finished Leaded Motor Gasoline	58	9,984	2,471	-1,218	0	0	22,404	0	(s)	33,698	35,861
Finished Unleaded Motor Gasoline	0	11,217	1,417	1,038	0	0	22,707	0	0	36,379	29,446
Gasohol	0	1	0	4	0	0	0	0	0	5	6
Finished Aviation Gasoline	0	3	0	7	0	0	220	0	0	230	458
Naphtha-Type Jet Fuel	0	540	0	145	0	0	658	0	0	1,343	560
Kerosene-Type Jet Fuel	0	1,469	122	1,217	0	0	9,978	0	0	12,786	7,212
Kerosene	0	402	437	660	0	0	1,520	0	0	3,019	4,632
Distillate Fuel Oil	0	11,802	8,358	18,491	0	0	25,402	0	4	64,050	71,882
Residual Fuel Oil	0	7,818	29,900	6,168	0	0	9,419	0	(s)	53,305	39,029
Naphtha and Other Oils for Petrochem. Feedstock	0	485	217	-51	0	0	59	0	94	616	244
Special Naphthas	0	101	290	332	0	0	474	0	1	1,195	1,053
Lubricants	0	769	251	-10	0	0	712	0	224	1,499	4,229
Waxes	0	93	0	3	0	0	24	0	5	115	104
Petroleum Coke	0	1,210	0	-180	0	0	0	0	14	1,016	1,224
Asphalt	0	1,031	42	-257	0	0	190	0	4	1,002	4,994
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,989	0	0	0	0	0	0	0	1,989	0
Miscellaneous Products	0	317	(s)	-69	0	0	1,141	0	24	1,366	368
Total	**5,875**	**50,645**	**83,194**	**29,674**	**-1,667**	**-21**	**103,506**	**48,720**	**441**	**222,046**	**246,281**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,751**	**0**	**32,234**	**-581**	**2,742**	**-1**	**2,719**	**40,863**	(s)	**0**	**20,292**
Natural Gas Plant Liquids and LRGs	**1,331**	**1,331**	**1,741**	**441**	**0**	**0**	**2,925**	**164**	**46**	**7,560**	**3,545**
Liquefied Petroleum Gases	527	1,331	1,741	450	0	0	2,925	130	46	6,798	3,517
Ethane	460	0	0	0	0	0	0	0	(s)	460	0
Other Products[3]	345	0	0	-9	0	0	0	34	0	301	29
Other Liquids	**64**	**0**	**1,694**	**264**	**0**	**0**	**202**	**2,122**	**0**	**102**	**21,018**
Other Hydrocarbons and Alcohol	64	0	0	-1	0	0	0	63	0	0	5
Unfinished Oils	0	0	1,683	-105	0	0	202	511	0	1,269	14,967
Motor Gasoline Blending Components	0	0	11	322	0	0	0	1,500	0	-1,167	6,046
Aviation Gasoline Blending Components	0	0	0	48	0	0	0	48	0	0	0
Finished Petroleum Products	**61**	**43,396**	**38,319**	**-1,194**	**0**	**0**	**84,460**	**0**	**1,082**	**163,960**	**202,497**
Finished Motor Gasoline	61	19,534	2,790	-2,886	0	0	38,160	0	(s)	57,658	68,200
Finished Leaded Motor Gasoline	61	9,598	1,658	-2,893	0	0	18,981	0	(s)	27,404	38,755
Finished Unleaded Motor Gasoline	0	9,935	1,132	23	0	0	19,179	0	0	30,269	29,423
Gasohol	0	1	0	-16	0	0	0	0	0	-15	22
Finished Aviation Gasoline	0	12	0	-18	0	0	196	0	0	190	476
Naphtha-Type Jet Fuel	0	574	174	-78	0	0	588	0	0	1,258	638
Kerosene-Type Jet Fuel	0	1,601	691	-109	0	0	8,238	0	0	10,421	7,321
Kerosene	0	436	48	-471	0	0	1,537	0	(s)	1,550	5,103
Distillate Fuel Oil	0	9,423	8,531	2,104	0	0	25,325	0	(s)	45,383	69,778
Residual Fuel Oil	0	6,638	25,843	565	0	0	7,973	0	(s)	41,018	38,464
Naphtha and Other Oils for Petrochem. Feedstock	0	375	45	42	0	0	152	0	100	513	202
Special Naphthas	0	93	48	-197	0	0	376	0	16	304	1,250
Lubricants	0	712	1	179	0	0	727	0	189	1,430	4,050
Waxes	0	81	0	2	0	0	12	0	4	91	102
Petroleum Coke	0	993	0	158	0	0	0	0	746	405	1,066
Asphalt	0	909	0	-499	0	0	303	0	1	712	5,493
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,793	0	0	0	0	0	0	0	1,793	0
Miscellaneous Products	0	222	148	14	0	0	873	0	24	1,233	354
Total	**5,207**	**44,727**	**73,988**	**-1,071**	**2,742**	**-1**	**90,306**	**43,149**	**1,128**	**171,621**	**247,352**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, March 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,872**	**0**	**39,138**	**-932**	**-2,188**	**0**	**3,464**	**43,354**	**0**	**0**	**21,224**
Natural Gas Plant Liquids and LRGs	**1,449**	**1,552**	**662**	**532**	**0**	**0**	**1,987**	**239**	**93**	**5,850**	**3,013**
Liquefied Petroleum Gases	568	1,552	662	534	0	0	1,987	208	93	5,002	2,983
Ethane	494	0	0	0	0	0	0	0	(s)	494	0
Other Products[3]	387	0	0	-1	0	0	0	31	0	354	30
Other Liquids	**124**	**0**	**2,629**	**-703**	**0**	**0**	**99**	**32**	**0**	**2,117**	**21,721**
Other Hydrocarbons and Alcohol	124	0	0	-5	0	0	0	119	0	0	10
Unfinished Oils	0	0	1,905	284	0	0	99	224	0	2,064	14,683
Motor Gasoline Blending Components	0	0	724	-975	0	0	0	-304	0	53	7,021
Aviation Gasoline Blending Components	0	0	0	-7	0	0	0	-7	0	0	7
Finished Petroleum Products	**60**	**44,052**	**31,812**	**1,727**	**0**	**0**	**82,929**	**0**	**738**	**159,842**	**200,770**
Finished Motor Gasoline	60	19,369	3,994	-4,339	0	0	44,296	0	1	63,378	72,539
Finished Leaded Motor Gasoline	60	8,887	2,581	-2,118	0	0	21,199	0	1	30,608	40,873
Finished Unleaded Motor Gasoline	0	10,482	1,413	-2,230	0	0	23,097	0	0	32,762	31,653
Gasohol	0	0	0	9	0	0	0	0	0	9	13
Finished Aviation Gasoline	0	5	0	46	0	0	313	0	0	364	430
Naphtha-Type Jet Fuel	0	803	712	29	0	0	566	0	0	2,110	609
Kerosene-Type Jet Fuel	0	1,939	1,499	301	0	0	7,729	0	0	11,468	7,020
Kerosene	0	168	232	-460	0	0	1,192	0	(s)	1,132	5,563
Distillate Fuel Oil	0	8,675	4,296	5,055	0	0	20,405	0	1	38,430	64,723
Residual Fuel Oil	0	7,260	20,768	1,187	0	0	6,051	0	0	35,266	37,277
Naphtha and Other Oils for Petrochem Feedstock	0	560	58	-24	0	0	128	0	184	538	226
Special Naphthas	0	89	60	-132	0	0	425	0	3	439	1,382
Lubricants	0	838	102	275	0	0	858	0	264	1,810	3,775
Waxes	0	89	0	13	0	0	15	0	5	112	89
Petroleum Coke	0	1,155	0	236	0	0	0	0	247	1,144	830
Asphalt	0	1,088	87	-523	0	0	330	0	2	980	6,016
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,790	0	0	0	0	0	0	0	1,790	0
Miscellaneous Products	0	224	5	63	0	0	621	0	30	882	291
Total	**5,504**	**45,604**	**74,241**	**624**	**-2,188**	**0**	**88,479**	**43,625**	**831**	**167,809**	**246,728**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding

Sources and estimation procedures See Explanatory Notes on Data Collection and Estimation

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, April 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	3,681	0	32,452	-228	216	-2	2,464	38,583	0	0	21,452
Natural Gas Plant Liquids and LRGs	1,385	1,453	164	-653	0	0	1,524	171	68	3,634	3,666
Liquefied Petroleum Gases	539	1,453	164	-660	0	0	1,524	165	68	2,787	3,644
Ethane	470	0	0	0	0	0	0	0	(s)	470	0
Other Products[3]	376	0	(s)	7	0	0	0	6	0	377	23
Other Liquids	96	0	1,733	82	0	0	204	1,635	0	480	21,639
Other Hydrocarbons and Alcohol	96	0	0	6	0	0	0	102	0	0	4
Unfinished Oils	0	0	1,234	-271	0	0	204	365	0	802	14,954
Motor Gasoline Blending Components	0	0	500	340	0	0	0	1,161	0	-321	6,681
Aviation Gasoline Blending Components	0	0	0	7	0	0	0	7	0	0	0
Finished Petroleum Products	58	40,614	25,756	1,339	0	0	71,100	0	410	138,456	199,431
Finished Motor Gasoline	58	18,817	4,649	1,280	0	0	41,909	0	2	66,711	71,259
Finished Leaded Motor Gasoline	58	8,574	3,242	132	0	0	19,171	0	2	31,175	40,741
Finished Unleaded Motor Gasoline	0	10,243	1,407	1,158	0	0	22,738	0	0	35,546	30,495
Gasohol	0	0	0	-10	0	0	0	0	0	-10	23
Finished Aviation Gasoline	0	11	0	80	0	0	374	0	0	465	350
Naphtha-Type Jet Fuel	0	740	119	-68	0	0	394	0	0	1,185	677
Kerosene-Type Jet Fuel	0	1,655	1,256	-1,079	0	0	7,046	0	0	8,878	8,099
Kerosene	0	189	50	203	0	0	411	0	3	850	5,360
Distillate Fuel Oil	0	7,662	3,354	347	0	0	14,247	0	(s)	25,610	64,376
Residual Fuel Oil	0	5,073	15,975	946	0	0	4,843	0	(s)	26,837	36,331
Naphtha and Other Oils for Petrochem. Feedstock	0	525	61	-58	0	0	-27	0	84	417	284
Special Naphthas	0	72	47	-75	0	0	130	0	2	172	1,457
Lubricants	0	881	91	-10	0	0	945	0	120	1,787	3,785
Waxes	0	129	(s)	6	0	0	11	0	5	141	83
Petroleum Coke	0	1,032	0	136	0	0	0	0	166	1,002	694
Asphalt	0	1,797	1	-389	0	0	404	0	3	1,810	6,405
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,779	0	0	0	0	0	0	0	1,779	0
Miscellaneous Products	0	252	152	20	0	0	413	0	24	813	271
Total	5,220	42,067	60,105	539	216	-2	75,292	40,389	478	142,571	246,189

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,735**	**0**	**28,075**	**-539**	**608**	**-7**	**3,475**	**35,347**	**0**	**0**	**21,991**
Natural Gas Plant Liquids and LRGs	**1,336**	**1,290**	**571**	**-481**	**0**	**0**	**1,403**	**134**	**57**	**3,928**	**4,148**
Liquefied Petroleum Gases	562	1,290	571	-475	0	0	1,403	100	57	3,194	4,119
Ethane	475	0	1	0	0	0	0	0	(s)	475	0
Other Products[3]	299	0	0	-6	0	0	0	34	0	259	29
Other Liquids	**53**	**0**	**731**	**-62**	**0**	**0**	**750**	**1,203**	**0**	**269**	**21,701**
Other Hydrocarbons and Alcohol	53	0	0	-4	0	0	0	49	0	0	8
Unfinished Oils	0	0	303	-1,083	0	0	750	-226	0	196	16,037
Motor Gasoline Blending Components	0	0	428	1,027	0	0	0	1,382	0	73	5,654
Aviation Gasoline Blending Components	0	0	0	-2	0	0	0	-2	0	0	2
Finished Petroleum Products	**58**	**36,863**	**29,829**	**-2,750**	**0**	**0**	**76,761**	**0**	**591**	**140,170**	**202,181**
Finished Motor Gasoline	58	16,321	3,153	3,776	0	0	44,719	0	1	68,025	67,483
Finished Leaded Motor Gasoline	58	6,792	1,585	6,622	0	0	21,357	0	1	36,412	34,119
Finished Unleaded Motor Gasoline	0	9,529	1,568	-2,850	0	0	23,362	0	0	31,609	33,345
Gasohol	0	0	0	4	0	0	0	0	0	4	19
Finished Aviation Gasoline	0	4	0	-122	0	0	305	0	0	187	472
Naphtha-Type Jet Fuel	0	1,109	0	-4	0	0	880	0	(s)	1,985	681
Kerosene-Type Jet Fuel	0	879	540	-516	0	0	8,481	0	0	9,384	8,615
Kerosene	0	152	(s)	-119	0	0	486	0	3	516	5,479
Distillate Fuel Oil	0	7,439	5,250	-3,820	0	0	15,557	0	1	24,425	68,196
Residual Fuel Oil	0	4,506	19,949	-1,895	0	0	3,883	0	(s)	26,443	38,226
Naphtha and Other Oils for Petrochem.											
Feedstock	0	506	317	-31	0	0	683	0	61	1,414	315
Special Naphthas	0	42	38	84	0	0	337	0	3	498	1,373
Lubricants	0	852	293	-109	0	0	671	0	189	1,518	3,894
Waxes	0	107	4	-1	0	0	13	0	8	115	84
Petroleum Coke	0	972	0	-98	0	0	0	0	284	590	792
Asphalt	0	2,079	123	142	0	0	344	0	3	2,685	6,263
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,630	0	0	0	0	0	0	0	1,630	0
Miscellaneous Products	0	265	161	-37	0	0	402	0	36	755	308
Total	**5,181**	**38,153**	**59,207**	**-3,833**	**608**	**-7**	**82,389**	**36,684**	**648**	**144,366**	**250,021**

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[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,510**	**0**	**31,136**	**2,940**	**-2,596**	**-6**	**3,455**	**38,439**	**0**	**0**	**19,051**
Natural Gas Plant Liquids and LRGs	**1,337**	**1,450**	**260**	**-636**	**0**	**0**	**1,886**	**300**	**36**	**3,962**	**4,783**
Liquefied Petroleum Gases	526	1,450	259	-626	0	0	1,886	264	36	3,195	4,745
Ethane	438	0	0	0	0	0	0	0	0	438	0
Other Products[3]	374	0	(s)	-9	0	0	0	36	0	329	38
Other Liquids	**93**	**0**	**1,188**	**-1,266**	**0**	**0**	**349**	**1,888**	**0**	**-1,524**	**22,967**
Other Hydrocarbons and Alcohol	93	0	0	6	0	0	0	99	0	0	2
Unfinished Oils	0	0	1,188	-136	0	0	349	2,209	0	-808	16,173
Motor Gasoline Blending Components	0	0	0	-1,138	0	0	0	-422	0	-716	6,792
Aviation Gasoline Blending Components	0	0	0	2	0	0	0	2	0	0	0
Finished Petroleum Products	**64**	**40,775**	**26,293**	**3,796**	**0**	**0**	**72,522**	**0**	**1,057**	**142,393**	**198,386**
Finished Motor Gasoline	64	18,836	4,138	4,712	0	0	42,293	0	1	70,042	62,772
Finished Leaded Motor Gasoline	64	8,867	2,090	3,022	0	0	19,476	0	1	33,518	31,098
Finished Unleaded Motor Gasoline	0	9,969	2,048	1,689	0	0	22,817	0	0	36,523	31,656
Gasohol	0	0	0	1	0	0	0	0	0	1	18
Finished Aviation Gasoline	0	13	0	-29	0	0	317	0	0	301	501
Naphtha-Type Jet Fuel	0	1,013	457	-128	0	0	538	0	0	1,880	809
Kerosene-Type Jet Fuel	0	1,181	517	-126	0	0	8,782	0	0	10,354	8,741
Kerosene	0	159	(s)	-277	0	0	326	0	2	207	5,756
Distillate Fuel Oil	0	8,707	6,417	-5,568	0	0	12,132	0	7	21,681	73,764
Residual Fuel Oil	0	4,435	14,228	4,630	0	0	5,642	0	(s)	28,934	33,596
Naphtha and Other Oils for Petrochem. Feedstock	0	413	15	24	0	0	627	0	86	993	291
Special Naphthas	0	40	88	-34	0	0	318	0	3	409	1,407
Lubricants	0	719	224	-167	0	0	582	0	146	1,212	4,061
Waxes	0	113	(s)	11	0	0	27	0	5	146	73
Petroleum Coke	0	955	0	257	0	0	0	0	772	440	535
Asphalt	0	2,186	208	479	0	0	493	0	2	3,363	5,784
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,765	0	0	0	0	0	0	0	1,765	0
Miscellaneous Products	0	240	1	12	0	0	445	0	32	666	296
Total	**5,005**	**42,225**	**58,877**	**4,834**	**-2,596**	**-6**	**78,212**	**40,627**	**1,092**	**144,831**	**245,187**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, July 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,515**	**0**	**36,172**	**-1,688**	**682**	**0**	**1,277**	**39,958**	**0**	**0**	**20,739**
Natural Gas Plant Liquids and LRGs	**1,168**	**1,408**	**1,002**	**-836**	**0**	**0**	**2,314**	**261**	**56**	**4,739**	**5,619**
Liquefied Petroleum Gases	489	1,408	1,002	-844	0	0	2,314	233	56	4,080	5,589
Ethane	379	0	0	0	0	0	0	0	(s)	379	0
Other Products[3]	300	0	(s)	8	0	0	0	28	0	280	30
Other Liquids	**111**	**0**	**787**	**775**	**0**	**0**	**670**	**3,925**	**0**	**-1,582**	**22,192**
Other Hydrocarbons and Alcohol	111	0	0	-6	0	0	0	105	0	0	8
Unfinished Oils	0	0	787	-100	0	0	670	2,271	0	-914	16,273
Motor Gasoline Blending Components	0	0	0	881	0	0	0	1,549	0	-668	5,911
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**54**	**44,544**	**30,602**	**142**	**0**	**0**	**72,074**	**0**	**852**	**146,563**	**198,244**
Finished Motor Gasoline	54	21,858	2,888	5,918	0	0	40,203	0	1	70,919	56,854
Finished Leaded Motor Gasoline	54	10,085	1,707	2,783	0	0	18,393	0	1	33,021	28,315
Finished Unleaded Motor Gasoline	0	11,773	1,180	3,138	0	0	21,810	0	0	37,901	28,518
Gasohol	0	0	0	-3	0	0	0	0	0	-3	21
Finished Aviation Gasoline	0	12	0	27	0	0	223	0	0	262	474
Naphtha-Type Jet Fuel	0	1,052	221	-10	0	0	987	0	(s)	2,250	819
Kerosene-Type Jet Fuel	0	1,016	631	904	0	0	8,462	0	0	11,013	7,837
Kerosene	0	21	0	-260	0	0	179	0	1	-61	6,016
Distillate Fuel Oil	0	8,994	5,109	-7,577	0	0	14,197	0	1	20,722	81,341
Residual Fuel Oil	0	4,245	21,336	594	0	0	5,596	0	(s)	31,771	33,002
Naphtha and Other Oils for Petrochem. Feedstock	0	469	5	-49	0	0	161	0	74	512	340
Special Naphthas	0	40	20	109	0	0	343	0	1	511	1,298
Lubricants	0	771	180	411	0	0	575	0	85	1,852	3,650
Waxes	0	124	(s)	-22	0	0	9	0	4	107	95
Petroleum Coke	0	1,039	0	-76	0	0	0	0	666	297	611
Asphalt	0	2,674	210	236	0	0	460	0	1	3,579	5,548
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	2,025	0	0	0	0	0	0	0	2,025	0
Miscellaneous Products	0	204	1	-63	0	0	679	0	16	805	359
Total	**4,847**	**45,952**	**68,563**	**-1,607**	**682**	**0**	**76,335**	**44,144**	**908**	**149,720**	**246,794**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,306**	**0**	**33,802**	**42**	**2,644**	**-7**	**2,805**	**42,592**	**0**	**0**	**20,697**
Natural Gas Plant Liquids and LRGs	**979**	**1,659**	**390**	**-740**	**0**	**0**	**2,810**	**280**	**89**	**4,729**	**6,359**
Liquefied Petroleum Gases	403	1,659	389	-737	0	0	2,810	252	89	4,183	6,326
Ethane	297	0	0	0	0	0	0	0	(s)	297	0
Other Products[3]	280	0	1	-3	0	0	0	28	0	250	33
Other Liquids	**102**	**0**	**2,547**	**-350**	**0**	**0**	**-376**	**2,757**	**0**	**-834**	**22,542**
Other Hydrocarbons and Alcohol	102	0	0	-3	0	0	0	99	0	0	11
Unfinished Oils	0	0	1,947	-327	0	0	-376	2,059	0	-815	16,600
Motor Gasoline Blending Components	0	0	600	-20	0	0	0	599	0	-19	5,931
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**55**	**45,891**	**29,558**	**-8,037**	**0**	**0**	**73,513**	**0**	**593**	**140,386**	**206,281**
Finished Motor Gasoline	55	21,868	3,110	-1,565	0	0	45,318	0	1	68,785	58,419
Finished Leaded Motor Gasoline	55	10,190	1,929	-280	0	0	20,639	0	1	32,531	28,595
Finished Unleaded Motor Gasoline	0	11,678	1,181	-1,293	0	0	24,679	0	0	36,245	29,811
Gasohol	0	0	0	8	0	0	0	0	0	8	13
Finished Aviation Gasoline	0	19	0	-18	0	0	228	0	0	229	492
Naphtha-Type Jet Fuel	0	1,037	112	82	0	0	1,033	0	0	2,264	737
Kerosene-Type Jet Fuel	0	1,382	449	-470	0	0	7,933	0	(s)	9,294	8,307
Kerosene	0	62	336	122	0	0	500	0	1	1,019	5,894
Distillate Fuel Oil	0	9,207	4,924	-4,978	0	0	13,081	0	(s)	22,234	86,319
Residual Fuel Oil	0	4,678	20,213	-1,350	0	0	3,940	0	(s)	27,481	34,352
Naphtha and Other Oils for Petrochem.											
Feedstock	0	424	48	149	0	0	-185	0	68	368	191
Special Naphthas	0	39	24	92	0	0	290	0	2	443	1,206
Lubricants	0	737	193	-242	0	0	616	0	159	1,146	3,892
Waxes	0	114	(s)	-16	0	0	9	0	4	103	111
Petroleum Coke	0	1,166	0	-73	0	0	0	0	327	766	684
Asphalt	0	2,987	149	210	0	0	419	0	4	3,760	5,338
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,930	0	0	0	0	0	0	0	1,930	0
Miscellaneous Products	0	241	1	20	0	0	331	0	25	568	339
Total	**4,442**	**47,550**	**66,297**	**-9,085**	**2,644**	**-7**	**78,752**	**45,629**	**682**	**144,282**	**255,880**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, September 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**3,276**	**0**	**34,366**	**2,601**	**-3,197**	**-1**	**1,744**	**38,789**	**0**	**0**	**18,096**
Natural Gas Plant Liquids and LRGs	**1,295**	**1,507**	**646**	**-385**	**0**	**0**	**2,419**	**448**	**62**	**4,972**	**6,744**
Liquefied Petroleum Gases	525	1,507	646	-372	0	0	2,419	424	62	4,239	6,698
Ethane	407	0	(s)	0	0	0	0	0	(s)	407	0
Other Products[3]	363	0	0	-13	0	0	0	24	0	326	46
Other Liquids	**135**	**0**	**2,228**	**2,133**	**0**	**0**	**48**	**4,762**	**0**	**-218**	**20,409**
Other Hydrocarbons and Alcohol	135	0	0	8	0	0	0	143	0	0	3
Unfinished Oils	0	0	2,080	2,547	0	0	48	3,460	0	1,215	14,053
Motor Gasoline Blending Components	0	0	148	-422	0	0	0	1,159	0	-1,433	6,353
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**39**	**44,233**	**30,194**	**-16,519**	**0**	**0**	**78,745**	**0**	**357**	**136,336**	**222,800**
Finished Motor Gasoline	39	21,562	3,593	-4,789	0	0	43,407	0	1	63,812	63,208
Finished Leaded Motor Gasoline	39	9,528	1,632	-1,666	0	0	19,387	0	1	28,920	30,261
Finished Unleaded Motor Gasoline	0	12,034	1,961	-3,118	0	0	24,020	0	0	34,897	32,929
Gasohol	0	0	0	-5	0	0	0	0	0	-5	18
Finished Aviation Gasoline	0	29	0	24	0	0	326	0	0	379	468
Naphtha-Type Jet Fuel	0	974	0	170	0	0	1,151	0	0	2,295	567
Kerosene-Type Jet Fuel	0	1,342	799	-872	0	0	7,530	0	0	8,799	9,179
Kerosene	0	163	268	-394	0	0	403	0	(s)	440	6,288
Distillate Fuel Oil	0	8,699	3,563	-5,684	0	0	16,986	0	3	23,561	92,003
Residual Fuel Oil	0	4,690	21,352	-5,625	0	0	6,709	0	(s)	27,126	39,977
Naphtha and Other Oils for Petrochem. Feedstock	0	399	58	-38	0	0	2	0	42	378	229
Special Naphthas	0	44	102	-29	0	0	298	0	3	413	1,235
Lubricants	0	644	171	167	0	0	654	0	93	1,544	3,725
Waxes	0	98	16	6	0	0	18	0	4	133	105
Petroleum Coke	0	1,000	0	199	0	0	0	0	191	1,008	485
Asphalt	0	2,532	272	379	0	0	292	0	1	3,473	4,959
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,862	0	0	0	0	0	0	0	1,862	0
Miscellaneous Products	0	195	(s)	-33	0	0	969	0	19	1,112	372
Total	**4,746**	**45,740**	**67,435**	**-12,170**	**-3,197**	**-1**	**82,956**	**43,999**	**420**	**141,090**	**268,049**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,522**	**0**	**35,584**	**-1,362**	**288**	**-4**	**3,416**	**41,444**	**0**	**0**	**19,458**
Natural Gas Plant Liquids and LRGs	**1,278**	**1,267**	**1,014**	**-177**	**0**	**0**	**2,863**	**358**	**86**	**5,801**	**6,922**
Liquefied Petroleum Gases	513	1,267	708	-189	0	0	2,863	339	86	4,737	6,887
Ethane	416	0	0	0	0	0	0	0	(s)	416	0
Other Products[3]	349	0	306	12	0	0	0	19	0	648	34
Other Liquids	**131**	**0**	**2,720**	**-952**	**0**	**0**	**-59**	**1,711**	**0**	**129**	**21,361**
Other Hydrocarbons and Alcohol	131	0	0	-5	0	0	0	126	0	0	8
Unfinished Oils	0	0	2,270	-683	0	0	-59	-164	0	1,692	14,736
Motor Gasoline Blending Components	0	0	450	-264	0	0	0	1,749	0	-1,563	6,617
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**34**	**44,340**	**28,938**	**-1,482**	**0**	**0**	**76,820**	**0**	**1,124**	**147,526**	**224,282**
Finished Motor Gasoline	34	21,644	3,508	201	0	0	44,881	0	(s)	70,267	63,007
Finished Leaded Motor Gasoline	34	10,265	2,025	-320	0	0	21,827	0	(s)	33,831	30,581
Finished Unleaded Motor Gasoline	0	11,379	1,483	520	0	0	23,054	0	0	36,436	32,409
Gasohol	0	0	0	1	0	0	0	0	0	1	17
Finished Aviation Gasoline	0	5	0	-6	0	0	218	0	0	217	474
Naphtha-Type Jet Fuel	0	973	0	-57	0	0	452	0	(s)	1,368	624
Kerosene-Type Jet Fuel	0	1,531	229	369	0	0	7,196	0	1	9,324	8,810
Kerosene	0	214	196	212	0	0	884	0	(s)	1,506	6,076
Distillate Fuel Oil	0	8,085	3,363	-2,806	0	0	17,796	0	1	26,437	94,809
Residual Fuel Oil	0	5,406	21,392	-391	0	0	3,502	0	203	29,706	40,368
Naphtha and Other Oils for Petrochem.											
Feedstock	0	318	2	70	0	0	142	0	149	383	159
Special Naphthas	0	25	16	90	0	0	296	0	3	424	1,145
Lubricants	0	819	164	65	0	0	430	0	195	1,284	3,660
Waxes	0	111	(s)	1	0	0	7	0	3	116	104
Petroleum Coke	0	1,047	0	-32	0	0	0	0	537	478	517
Asphalt	0	2,195	68	787	0	0	517	0	8	3,559	4,172
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,751	0	0	0	0	0	0	0	1,751	0
Miscellaneous Products	0	216	(s)	15	0	0	499	0	24	706	357
Total	**4,965**	**45,607**	**68,256**	**-3,974**	**288**	**-4**	**83,040**	**43,513**	**1,210**	**153,456**	**272,023**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, November 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	E 3,205	**0**	**32,872**	**-826**	**3,371**	**-5**	**2,619**	**41,236**	**0**	**0**	**20,284**
Natural Gas Plant Liquids and LRGs	**1,260**	**1,397**	**688**	**414**	**0**	**0**	**2,428**	**493**	**121**	**5,573**	**6,508**
Liquefied Petroleum Gases	494	1,397	382	432	0	0	2,428	481	121	4,531	6,455
Ethane	393	0	(s)	0	0	0	0	0	(s)	393	0
Other Products[3]	374	0	306	-18	0	0	0	12	0	650	52
Other Liquids	**128**	**0**	**1,150**	**1,071**	**0**	**0**	**154**	**3,578**	**0**	**-1,075**	**20,290**
Other Hydrocarbons and Alcohol	128	0	0	2	0	0	0	130	0	0	6
Unfinished Oils	0	0	1,150	619	0	0	154	1,824	0	99	14,117
Motor Gasoline Blending Components	0	0	0	450	0	0	0	1,624	0	-1,174	6,167
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**26**	**45,718**	**31,234**	**-5,592**	**0**	**1**	**74,944**	**0**	**192**	**146,139**	**229,874**
Finished Motor Gasoline	26	21,071	3,785	-533	0	0	39,491	0	2	63,838	63,540
Finished Leaded Motor Gasoline	26	9,867	2,115	-178	0	0	18,263	0	2	30,091	30,759
Finished Unleaded Motor Gasoline	0	11,204	1,670	-359	0	0	21,228	0	0	33,743	32,768
Gasohol	0	0	0	4	0	0	0	0	0	4	13
Finished Aviation Gasoline	0	18	0	12	0	0	213	0	0	243	462
Naphtha-Type Jet Fuel	0	1,078	0	-116	0	0	848	0	0	1,810	740
Kerosene-Type Jet Fuel	0	1,438	1	313	0	0	7,456	0	(s)	9,207	8,497
Kerosene	0	298	563	-423	0	0	928	0	1	1,365	6,499
Distillate Fuel Oil	0	9,981	3,441	-1,142	0	1	20,334	0	0	32,615	95,951
Residual Fuel Oil	0	5,819	23,216	-2,592	0	0	3,622	0	(s)	30,065	42,960
Naphtha and Other Oils for Petrochem Feedstock	0	412	47	0	0	0	1	0	58	403	159
Special Naphthas	0	14	12	-290	0	0	318	0	2	52	1,435
Lubricants	0	888	98	-304	0	0	588	0	93	1,178	3,964
Waxes	0	113	1	-20	0	0	3	0	5	93	124
Petroleum Coke	0	1,088	0	-140	0	0	0	0	5	943	657
Asphalt	0	1,678	69	-366	0	0	441	0	5	1,816	4,538
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,627	0	0	0	0	0	0	0	1,627	0
Miscellaneous Products	0	195	1	9	0	0	701	0	22	884	348
Total	**4,619**	**47,115**	**65,944**	**-4,933**	**3,371**	**-4**	**80,145**	**45,307**	**312**	**150,638**	**276,956**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
E Estimated

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 4. PAD District I, Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc- tion	Refinery Produc- tion	Imports	Stock With- drawal (+) or Addi- tion (-)	Unac- counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,213**	**0**	**34,903**	**-407**	**1,238**	**-5**	**1,794**	**40,736**	**0**	**0**	**20,691**
Natural Gas Plant Liquids and LRGs	**1,154**	**1,259**	**984**	**1,026**	**0**	**0**	**3,795**	**492**	**72**	**7,654**	**5,481**
Liquefied Petroleum Gases	464	1,259	983	1,003	0	0	3,795	464	72	6,969	5,452
Ethane	336	0	0	0	0	0	0	0	(s)	336	0
Other Products[3]	354	0	(s)	23	0	0	0	28	0	349	29
Other Liquids	**137**	**0**	**2,035**	**79**	**0**	**0**	**518**	**3,197**	**0**	**-428**	**20,211**
Other Hydrocarbons and Alcohol	137	0	0	1	0	0	0	138	0	0	5
Unfinished Oils	0	0	1,906	826	0	0	518	2,579	0	671	13,291
Motor Gasoline Blending Components	0	0	129	-748	0	0	0	480	0	-1,099	6,915
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**45**	**45,173**	**33,762**	**13,651**	**0**	**1**	**84,606**	**0**	**688**	**176,549**	**216,223**
Finished Motor Gasoline	45	21,041	4,494	952	0	0	45,206	0	1	71,737	62,588
Finished Leaded Motor Gasoline	45	9,688	2,557	-54	0	0	20,995	0	1	33,229	30,813
Finished Unleaded Motor Gasoline	0	11,353	1,938	1,007	0	0	24,211	0	0	38,509	31,761
Gasohol	0	0	0	-1	0	0	0	0	0	-1	14
Finished Aviation Gasoline	0	7	0	-18	0	0	168	0	0	157	480
Naphtha-Type Jet Fuel	0	871	49	-94	0	0	430	0	0	1,256	834
Kerosene-Type Jet Fuel	0	1,456	74	432	0	0	8,867	0	(s)	10,829	8,065
Kerosene	0	245	293	1,095	0	0	1,434	0	(s)	3,067	5,404
Distillate Fuel Oil	0	9,923	2,573	8,508	0	1	20,346	0	2	41,350	87,443
Residual Fuel Oil	0	6,036	25,985	2,816	0	0	5,773	0	2	40,609	40,144
Naphtha and Other Oils for Petrochem. Feedstock	0	463	2	-59	0	0	193	0	44	555	218
Special Naphthas	0	30	71	227	0	0	156	0	3	481	1,208
Lubricants	0	859	170	-266	0	0	757	0	183	1,337	4,230
Waxes	0	97	4	3	0	0	10	0	4	111	121
Petroleum Coke	0	1,188	0	-2	0	0	0	0	426	760	659
Asphalt	0	1,059	44	53	0	0	351	0	3	1,505	4,485
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,702	0	0	0	0	0	0	0	1,702	0
Miscellaneous Products	0	196	2	4	0	0	915	0	23	1,094	344
Total	**4,549**	**46,432**	**71,684**	**14,349**	**1,238**	**-4**	**90,713**	**44,425**	**760**	**183,776**	**262,607**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, January 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**28,698**	**0**	**27,875**	**-3,069**	**53,833**	**-15**	**394**	**104,600**	**3,116**	**0**	**90,040**
Natural Gas Plant Liquids and LRGs	**10,612**	**2,698**	**6,192**	**4,055**	**0**	**0**	**5,598**	**6,302**	**4**	**22,850**	**43,918**
Liquefied Petroleum Gases	8,175	2,698	3,831	2,892	0	0	4,876	4,418	4	18,050	37,205
Ethane	2,136	0	2,361	1,013	0	0	0	157	0	5,353	1,910
Other Products[3]	301	0	0	151	0	0	722	1,727	0	-553	4,803
Other Liquids	**197**	**0**	**252**	**-729**	**0**	**0**	**862**	**1,603**	**0**	**-1,021**	**38,771**
Other Hydrocarbons and Alcohol	197	0	0	-7	0	0	0	190	0	0	207
Unfinished Oils	0	0	2	829	0	0	40	990	0	-119	24,542
Motor Gasoline Blending Components	0	0	250	-1,538	0	0	822	507	0	-973	13,869
Aviation Gasoline Blending Components	0	0	0	-13	0	0	0	-84	0	71	153
Finished Petroleum Products	**15**	**115,822**	**867**	**-6,783**	**0**	**0**	**11,866**	**0**	**172**	**121,615**	**167,065**
Finished Motor Gasoline	0	62,537	1	-6,870	0	0	8,213	0	(s)	63,881	72,171
Finished Leaded Motor Gasoline	0	34,112	0	-2,643	0	0	4,309	0	(s)	35,778	41,310
Finished Unleaded Motor Gasoline	0	28,376	1	-4,209	0	0	3,904	0	0	28,072	30,803
Gasohol	0	49	0	-18	0	0	0	0	0	31	58
Finished Aviation Gasoline	0	139	0	-90	0	0	135	0	0	184	655
Naphtha-Type Jet Fuel	0	917	0	17	0	0	45	0	0	979	1,420
Kerosene-Type Jet Fuel	0	4,204	0	827	0	0	635	0	0	5,666	8,771
Kerosene	0	1,217	0	391	0	0	152	0	0	1,760	2,783
Distillate Fuel Oil	2	25,529	0	757	0	0	2,782	0	(s)	29,069	57,709
Residual Fuel Oil	0	5,805	788	6	0	0	-652	0	0	5,947	9,151
Naphtha and Other Oils for Petro. Feed.	0	1,983	0	-61	0	0	34	0	18	1,938	359
Special Naphthas	0	442	62	163	0	0	90	0	5	752	1,036
Lubricants	0	830	1	63	0	0	237	0	15	1,115	2,237
Waxes	0	47	2	2	0	0	0	0	1	50	40
Petroleum Coke	0	3,176	0	-43	0	0	0	0	130	3,003	775
Asphalt	0	3,570	0	-2,215	0	0	123	0	(s)	1,478	9,439
Road Oil	0	0	0	210	0	0	0	0	0	210	6
Still Gas	0	5,217	0	0	0	0	0	0	0	5,217	0
Miscellaneous Products	13	209	12	61	0	0	72	0	(s)	367	513
Total	**39,521**	**118,520**	**35,186**	**-6,525**	**53,833**	**-15**	**18,720**	**112,505**	**3,292**	**143,443**	**339,795**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**27,285**	**0**	**25,039**	**2,853**	**36,276**	**-8**	**356**	**89,261**	**2,540**	**0**	**87,187**
Natural Gas Plant Liquids and LRGs	**9,322**	**2,669**	**5,744**	**3,041**	**0**	**0**	**3,826**	**5,372**	**14**	**19,216**	**40,877**
Liquefied Petroleum Gases	6,683	2,669	3,960	2,569	0	0	3,198	3,785	14	15,281	34,636
Ethane	2,131	0	1,784	193	0	0	0	135	(s)	3,974	1,717
Other Products[3]	508	0	0	278	0	0	628	1,452	0	-38	4,525
Other Liquids	**178**	**0**	**244**	**-1,340**	**0**	**0**	**916**	**2,023**	**0**	**-2,025**	**40,111**
Other Hydrocarbons and Alcohol	178	0	0	-10	0	0	0	168	0	0	217
Unfinished Oils	0	0	0	657	0	0	196	2,498	0	-1,645	23,885
Motor Gasoline Blending Components	0	0	244	-1,977	0	0	720	-574	0	-439	15,846
Aviation Gasoline Blending Components	0	0	0	-10	0	0	0	-69	0	59	163
Finished Petroleum Products	**15**	**97,683**	**593**	**-1,616**	**0**	**0**	**9,170**	**0**	**105**	**105,739**	**168,681**
Finished Motor Gasoline	0	53,079	1	-2,400	0	0	6,811	0	0	57,491	74,571
Finished Leaded Motor Gasoline	0	28,872	0	-1,141	0	0	3,972	0	0	31,703	42,451
Finished Unleaded Motor Gasoline	0	24,166	1	-1,258	0	0	2,839	0	0	25,748	32,061
Gasohol	0	41	0	-1	0	0	0	0	0	40	59
Finished Aviation Gasoline	0	44	0	58	0	0	21	0	0	123	597
Naphtha-Type Jet Fuel	0	731	0	76	0	0	81	0	0	888	1,344
Kerosene-Type Jet Fuel	0	3,941	0	101	0	0	639	0	0	4,681	8,670
Kerosene	0	707	0	212	0	0	146	0	(s)	1,065	2,571
Distillate Fuel Oil	2	20,356	0	1,609	0	0	1,745	0	0	23,712	56,100
Residual Fuel Oil	0	5,624	520	164	0	0	-752	0	0	5,556	8,987
Naphtha and Other Oils for Petro. Feed.	0	1,778	0	5	0	0	10	0	4	1,789	354
Special Naphthas	0	432	56	276	0	0	66	0	2	828	760
Lubricants	0	872	1	28	0	0	238	0	19	1,119	2,209
Waxes	0	56	3	-16	0	0	0	0	1	42	56
Petroleum Coke	0	3,059	0	-255	0	0	0	0	76	2,728	1,030
Asphalt	0	2,410	0	-1,561	0	0	159	0	1	1,007	11,000
Road Oil	0	-5	0	5	0	0	0	0	0	0	1
Still Gas	0	4,426	0	0	0	0	0	0	0	4,426	0
Miscellaneous Products	13	173	12	82	0	0	6	0	(s)	286	431
Total	**36,799**	**100,352**	**31,620**	**2,938**	**36,276**	**-8**	**14,268**	**96,656**	**2,659**	**122,931**	**336,857**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, March 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**30,245**	**0**	**22,204**	**-4,485**	**40,709**	**-9**	**1,376**	**89,730**	**311**	**0**	**91,672**
Natural Gas Plant Liquids and LRGs	**9,746**	**2,571**	**5,965**	**1,118**	**0**	**0**	**3,340**	**5,104**	**7**	**17,630**	**39,759**
Liquefied Petroleum Gases	7,014	2,571	4,079	243	0	0	2,427	3,348	7	12,981	34,392
Ethane	2,235	0	1,885	85	0	0	0	152	0	4,054	1,632
Other Products[3]	497	0	0	790	0	0	913	1,604	0	595	3,735
Other Liquids	**118**	**0**	**170**	**-330**	**0**	**0**	**920**	**3,701**	**0**	**-2,823**	**40,441**
Other Hydrocarbons and Alcohol	118	0	0	99	0	0	0	217	0	0	118
Unfinished Oils	0	0	0	-406	0	0	190	2,434	0	-2,650	24,291
Motor Gasoline Blending Components	0	0	170	-67	0	0	730	1,076	0	-243	15,913
Aviation Gasoline Blending Components	0	0	0	44	0	0	0	-26	0	70	119
Finished Petroleum Products	**17**	**98,857**	**860**	**5,405**	**0**	**0**	**9,864**	**0**	**245**	**114,758**	**163,277**
Finished Motor Gasoline	0	55,742	1	780	0	0	7,074	0	0	63,597	73,791
Finished Leaded Motor Gasoline	0	31,158	0	-319	0	0	4,099	0	0	34,938	42,770
Finished Unleaded Motor Gasoline	0	24,546	1	1,093	0	0	2,975	0	0	28,615	30,968
Gasohol	0	38	0	6	0	0	0	0	0	44	53
Finished Aviation Gasoline	0	65	0	113	0	0	96	0	0	274	484
Naphtha-Type Jet Fuel	0	931	0	44	0	0	115	0	0	1,090	1,300
Kerosene-Type Jet Fuel	0	4,041	0	-47	0	0	759	0	0	4,753	8,717
Kerosene	0	580	0	-37	0	0	112	0	(s)	655	2,608
Distillate Fuel Oil	2	19,501	(s)	3,633	0	0	2,104	0	1	25,240	52,467
Residual Fuel Oil	0	4,461	775	1,069	0	0	-1,099	0	0	5,206	7,918
Naphtha and Other Oils for Petro Feed	0	1,916	0	75	0	0	43	0	40	1,994	279
Special Naphthas	0	496	66	-51	0	0	169	0	2	678	811
Lubricants	0	670	1	155	0	0	175	0	14	987	2,054
Waxes	0	18	4	24	0	0	0	0	(s)	45	32
Petroleum Coke	0	3,257	0	-2	0	0	0	0	186	3,069	1,032
Asphalt	0	2,612	0	-555	0	0	253	0	1	2,309	11,555
Road Oil	0	50	0	-50	0	0	0	0	0	0	51
Still Gas	0	4,338	0	0	0	0	0	0	0	4,338	0
Miscellaneous Products	15	179	14	253	0	0	63	0	(s)	523	178
Total	**40,126**	**101,428**	**29,199**	**1,708**	**40,709**	**-9**	**15,500**	**98,535**	**562**	**129,565**	**335,149**

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, April 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**28,789**	**0**	**15,652**	**2,603**	**36,048**	**-1**	**1,292**	**83,454**	**929**	**0**	**89,069**
Natural Gas Plant Liquids and LRGs	**9,222**	**2,428**	**4,928**	**-1,465**	**0**	**0**	**2,030**	**4,853**	**9**	**12,280**	**41,224**
Liquefied Petroleum Gases	6,907	2,428	2,885	-1,950	0	0	1,302	3,031	9	8,533	36,342
Ethane	2,029	0	2,043	66	0	0	0	139	0	3,999	1,566
Other Products[3]	285	0	0	418	0	0	728	1,683	0	-252	3,317
Other Liquids	**160**	**0**	**161**	**2,333**	**0**	**0**	**901**	**4,279**	**0**	**-724**	**38,108**
Other Hydrocarbons and Alcohol	160	0	0	28	0	0	0	188	0	0	90
Unfinished Oils	0	0	1	-457	0	0	127	2,148	0	-2,477	24,748
Motor Gasoline Blending Components	0	0	160	2,877	0	0	774	2,123	0	1,688	13,036
Aviation Gasoline Blending Components	0	0	0	-115	0	0	0	-180	0	65	234
Finished Petroleum Products	**13**	**93,740**	**862**	**2,671**	**0**	**0**	**13,377**	**0**	**462**	**110,201**	**160,605**
Finished Motor Gasoline	0	52,517	1	2,607	0	0	9,239	0	0	64,364	71,184
Finished Leaded Motor Gasoline	0	27,454	0	1,421	0	0	4,648	0	0	33,523	41,349
Finished Unleaded Motor Gasoline	0	25,022	1	1,176	0	0	4,591	0	0	30,790	29,792
Gasohol	0	41	0	10	0	0	0	0	0	51	43
Finished Aviation Gasoline	0	113	0	63	0	0	208	0	0	384	421
Naphtha-Type Jet Fuel	0	1,096	0	-2	0	0	125	0	0	1,219	1,302
Kerosene-Type Jet Fuel	0	3,628	0	-26	0	0	1,615	0	0	5,217	8,743
Kerosene	0	537	0	-255	0	0	88	0	2	368	2,863
Distillate Fuel Oil	1	18,089	(s)	104	0	0	2,582	0	(s)	20,776	52,364
Residual Fuel Oil	0	3,946	789	668	0	0	-1,317	0	0	4,086	7,250
Naphtha and Other Oils for Petro. Feed.	0	1,732	(s)	-51	0	0	101	0	42	1,740	330
Special Naphthas	0	471	56	-102	0	0	353	0	1	776	913
Lubricants	0	732	1	255	0	0	314	0	15	1,288	1,799
Waxes	0	46	1	-7	0	0	0	0	(s)	40	39
Petroleum Coke	0	3,237	0	275	0	0	0	0	399	3,113	757
Asphalt	0	3,296	0	-880	0	0	-2	0	1	2,413	12,435
Road Oil	0	0	0	8	0	0	0	0	0	8	43
Still Gas	0	4,128	0	0	0	0	0	0	0	4,128	0
Miscellaneous Products	11	172	13	15	0	0	71	0	1	281	163
Total	**38,183**	**96,168**	**21,603**	**6,142**	**36,048**	**-1**	**17,600**	**92,586**	**1,400**	**121,757**	**329,007**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**30,033**	**0**	**15,121**	**1,206**	**43,765**	**-4**	**968**	**88,975**	**2,114**	**0**	**87,863**
Natural Gas Plant Liquids and LRGs	**9,785**	**2,467**	**3,780**	**-3,679**	**0**	**0**	**2,738**	**4,409**	**8**	**10,674**	**44,904**
Liquefied Petroleum Gases	7,395	2,451	2,879	-3,854	0	0	1,616	2,755	8	7,724	40,196
Ethane	2,317	16	901	-80	0	0	0	157	0	2,997	1,645
Other Products[3]	74	0	0	255	0	0	1,122	1,497	0	-46	3,062
Other Liquids	**665**	**0**	**152**	**1,196**	**0**	**0**	**1,041**	**2,078**	**0**	**976**	**36,912**
Other Hydrocarbons and Alcohol	665	0	0	13	0	0	0	678	0	0	77
Unfinished Oils	0	0	0	591	0	0	436	701	0	326	24,157
Motor Gasoline Blending Components	0	0	152	645	0	0	605	783	0	619	12,391
Aviation Gasoline Blending Components	0	0	0	-53	0	0	0	-84	0	31	287
Finished Petroleum Products	**11**	**97,233**	**1,170**	**3,236**	**0**	**0**	**15,532**	**0**	**592**	**116,589**	**157,370**
Finished Motor Gasoline	0	54,003	45	3,487	0	0	10,121	0	1	67,656	67,697
Finished Leaded Motor Gasoline	0	28,643	44	2,943	0	0	6,063	0	1	37,693	38,406
Finished Unleaded Motor Gasoline	0	25,330	1	543	0	0	4,058	0	0	29,932	29,249
Gasohol	0	30	0	1	0	0	0	0	0	31	42
Finished Aviation Gasoline	0	250	0	-67	0	0	101	0	0	284	488
Naphtha-Type Jet Fuel	0	1,119	0	-52	0	0	152	0	0	1,219	1,354
Kerosene-Type Jet Fuel	0	3,843	0	-1,105	0	0	1,269	0	0	4,007	9,848
Kerosene	0	496	0	-273	0	0	139	0	1	361	3,136
Distillate Fuel Oil	1	18,885	0	1,913	0	0	3,781	0	0	24,580	50,451
Residual Fuel Oil	0	3,764	1,058	124	0	0	-842	0	0	4,104	7,126
Naphtha and Other Oils for Petro. Feed	0	1,938	(s)	22	0	0	-4	0	59	1,898	308
Special Naphthas	0	465	56	-148	0	0	201	0	5	568	1,061
Lubricants	0	823	1	-87	0	0	392	0	13	1,116	1,886
Waxes	0	45	2	-11	0	0	0	0	1	35	50
Petroleum Coke	0	3,506	0	-83	0	0	0	0	512	2,911	840
Asphalt	0	3,632	0	-471	0	0	191	0	1	3,351	12,906
Road Oil	0	16	0	-9	0	0	0	0	0	7	52
Still Gas	0	4,233	0	0	0	0	0	0	0	4,233	0
Miscellaneous Products	10	215	9	-4	0	0	31	0	1	259	167
Total	**40,495**	**99,700**	**20,223**	**1,958**	**43,765**	**-4**	**20,279**	**95,462**	**2,715**	**128,240**	**327,049**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels

Note Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**29,710**	**0**	**18,338**	**228**	**35,170**	**-18**	**1,078**	**84,236**	**270**	**0**	**87,635**
Natural Gas Plant Liquids and LRGs	**9,445**	**2,337**	**3,569**	**-2,400**	**0**	**0**	**3,892**	**4,438**	**1**	**12,404**	**47,304**
Liquefied Petroleum Gases	6,647	2,328	2,647	-2,371	0	0	2,755	2,489	1	9,516	42,568
Ethane	1,995	9	922	8	0	0	0	145	0	2,789	1,637
Other Products[3]	803	0	0	-37	0	0	1,137	1,804	0	99	3,099
Other Liquids	**173**	**0**	**74**	**2,372**	**0**	**0**	**456**	**2,761**	**0**	**314**	**34,540**
Other Hydrocarbons and Alcohol	173	0	0	25	0	0	0	198	0	0	52
Unfinished Oils	0	0	1	1,448	0	0	-115	1,920	0	-586	22,709
Motor Gasoline Blending Components	0	0	72	845	0	0	571	628	0	860	11,546
Aviation Gasoline Blending Components	0	0	0	54	0	0	0	15	0	39	233
Finished Petroleum Products	**12**	**93,506**	**826**	**8,771**	**0**	**1**	**14,952**	**0**	**684**	**117,383**	**148,599**
Finished Motor Gasoline	0	52,144	1	6,842	0	0	8,506	0	0	67,493	60,855
Finished Leaded Motor Gasoline	0	26,762	0	5,140	0	0	4,678	0	0	36,580	33,266
Finished Unleaded Motor Gasoline	0	25,340	1	1,700	0	0	3,828	0	0	30,869	27,549
Gasohol	0	42	0	2	0	0	0	0	0	44	40
Finished Aviation Gasoline	0	216	0	20	0	0	190	0	0	426	468
Naphtha-Type Jet Fuel	0	1,057	0	-174	0	0	51	0	0	934	1,528
Kerosene-Type Jet Fuel	0	3,620	0	-863	0	0	993	0	0	3,750	10,711
Kerosene	0	253	0	155	0	0	82	0	(s)	490	2,981
Distillate Fuel Oil	1	17,951	4	1,769	0	1	4,941	0	1	24,667	48,682
Residual Fuel Oil	0	3,422	750	89	0	0	-304	0	0	3,957	7,037
Naphtha and Other Oils for Petro. Feed.	0	1,668	1	37	0	0	47	0	114	1,638	271
Special Naphthas	0	406	54	221	0	0	117	0	5	793	840
Lubricants	0	950	(s)	-160	0	0	220	0	14	996	2,046
Waxes	0	32	2	13	0	0	0	0	1	46	37
Petroleum Coke	0	3,462	0	149	0	0	0	0	548	3,063	691
Asphalt	0	4,022	0	703	0	0	107	0	1	4,831	12,203
Road Oil	0	21	0	0	0	0	0	0	0	21	52
Still Gas	0	4,114	0	0	0	0	0	0	0	4,114	0
Miscellaneous Products	10	168	14	-30	0	0	2	0	1	164	197
Total	39,339	95,843	22,807	8,971	35,170	-17	20,378	91,435	955	130,101	318,078

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, July 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**28,674**	**0**	**19,116**	**1,462**	**40,739**	**-93**	**1,120**	**89,074**	**1,944**	**0**	**86,173**
Natural Gas Plant Liquids and LRGs	**8,485**	**2,408**	**4,009**	**-3,272**	**0**	**0**	**3,663**	**4,439**	**11**	**10,842**	**50,576**
Liquefied Petroleum Gases	5,753	2,398	2,500	-3,018	0	0	2,557	2,467	11	7,712	45,586
Ethane	1,771	10	1,509	127	0	0	0	118	0	3,299	1,511
Other Products[3]	960	0	0	-381	0	0	1,106	1,854	0	-168	3,480
Other Liquids	**219**	**0**	**43**	**2,006**	**0**	**0**	**834**	**2,672**	**0**	**430**	**32,534**
Other Hydrocarbons and Alcohol	219	0	0	-27	0	0	0	192	0	0	79
Unfinished Oils	0	0	2	585	0	0	91	1,526	0	-848	22,124
Motor Gasoline Blending Components	0	0	41	1,425	0	0	743	931	0	1,278	10,121
Aviation Gasoline Blending Components	0	0	0	23	0	0	0	23	0	0	210
Finished Petroleum Products	**10**	**97,101**	**798**	**5,155**	**0**	**1**	**14,441**	**0**	**699**	**116,808**	**143,444**
Finished Motor Gasoline	0	54,905	(s)	5,100	0	0	8,797	0	3	68,800	55,755
Finished Leaded Motor Gasoline	0	29,172	0	2,121	0	0	4,899	0	3	36,189	31,145
Finished Unleaded Motor Gasoline	0	25,685	(s)	2,987	0	0	3,898	0	0	32,570	24,562
Gasohol	0	48	0	-8	0	0	0	0	0	40	48
Finished Aviation Gasoline	0	210	0	-36	0	0	167	0	0	341	504
Naphtha-Type Jet Fuel	0	1,019	0	286	0	0	16	0	0	1,321	1,242
Kerosene-Type Jet Fuel	0	3,889	0	327	0	0	807	0	0	5,023	10,384
Kerosene	0	411	0	250	0	0	252	0	1	912	2,731
Distillate Fuel Oil	1	18,005	0	-1,081	0	1	4,487	0	1	21,412	49,762
Residual Fuel Oil	0	4,260	721	-652	0	0	-528	0	(s)	3,801	7,689
Naphtha and Other Oils for Petro. Feed.	0	1,323	0	-144	0	0	67	0	40	1,206	415
Special Naphthas	0	498	53	-18	0	0	126	0	4	655	858
Lubricants	0	968	(s)	-169	0	0	181	0	19	961	2,215
Waxes	0	40	8	-3	0	0	0	0	(s)	44	40
Petroleum Coke	0	3,154	0	-28	0	0	0	0	629	2,497	719
Asphalt	0	3,948	0	1,294	0	0	309	0	1	5,550	10,909
Road Oil	0	55	0	-12	0	0	0	0	0	43	64
Still Gas	0	4,259	0	0	0	0	0	0	0	4,259	0
Miscellaneous Products	9	157	16	41	0	0	-240	0	1	-18	156
Total	37,388	99,509	23,966	5,351	40,739	-92	20,058	96,185	2,654	128,080	312,727

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**30,946**	**0**	**19,200**	**4,050**	**40,525**	**-6**	**1,063**	**94,926**	**852**	**0**	**82,123**
Natural Gas Plant Liquids and LRGs	**9,686**	**2,440**	**3,361**	**-3,182**	**0**	**0**	**4,546**	**4,903**	**4,044**	**7,904**	**53,758**
Liquefied Petroleum Gases	7,395	2,422	1,522	-2,929	0	0	3,640	2,904	4,044	5,102	48,515
Ethane	1,992	18	1,839	-369	0	0	0	117	0	3,363	1,879
Other Products[3]	299	0	0	117	0	0	906	1,882	0	-561	3,363
Other Liquids	**327**	**0**	**305**	**115**	**0**	**0**	**1,572**	**1,854**	**0**	**465**	**32,419**
Other Hydrocarbons and Alcohol	327	0	0	-33	0	0	0	294	0	0	112
Unfinished Oils	0	0	150	308	0	0	733	1,202	0	-11	21,816
Motor Gasoline Blending Components	0	0	155	-164	0	0	839	354	0	476	10,285
Aviation Gasoline Blending Components	0	0	0	4	0	0	0	4	0	0	206
Finished Petroleum Products	**8**	**102,613**	**834**	**-3,119**	**0**	**0**	**14,773**	**0**	**834**	**114,274**	**146,562**
Finished Motor Gasoline	0	58,083	2	-614	0	0	8,552	0	80	65,943	56,369
Finished Leaded Motor Gasoline	0	30,249	0	-44	0	0	5,344	0	80	35,469	31,189
Finished Unleaded Motor Gasoline	0	27,793	2	-566	0	0	3,208	0	0	30,437	25,128
Gasohol	0	41	0	-4	0	0	0	0	0	37	52
Finished Aviation Gasoline	0	221	0	-1	0	0	238	0	0	458	505
Naphtha-Type Jet Fuel	0	1,154	0	-166	0	0	65	0	0	1,053	1,408
Kerosene-Type Jet Fuel	0	2,965	0	1,027	0	0	677	0	0	4,669	9,357
Kerosene	0	555	0	-89	0	0	77	0	1	542	2,820
Distillate Fuel Oil	1	20,675	0	-4,383	0	0	5,141	0	1	21,433	54,145
Residual Fuel Oil	0	4,438	749	-399	0	0	-570	0	0	4,218	8,088
Naphtha and Other Oils for Petro. Feed.	0	1,580	0	0	0	0	92	0	55	1,617	415
Special Naphthas	0	336	61	-76	0	0	281	0	1	600	934
Lubricants	0	871	1	-32	0	0	157	0	29	968	2,247
Waxes	0	56	10	-15	0	0	0	0	(s)	51	55
Petroleum Coke	0	3,309	0	65	0	0	0	0	664	2,710	654
Asphalt	0	3,644	0	1,544	0	0	182	0	2	5,368	9,365
Road Oil	0	50	0	20	0	0	0	0	0	70	44
Still Gas	0	4,459	0	0	0	0	0	0	0	4,459	0
Miscellaneous Products	7	217	11	(s)	0	0	-119	0	1	115	156
Total	**40,967**	**105,053**	**23,700**	**-2,135**	**40,525**	**-6**	**21,954**	**101,683**	**5,730**	**122,644**	**314,862**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, September 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**30,472**	**0**	**21,134**	**-172**	**37,721**	**-8**	**1,270**	**90,408**	**9**	**0**	**82,295**
Natural Gas Plant Liquids and LRGs	**8,778**	**2,351**	**3,196**	**234**	**0**	**0**	**4,176**	**5,379**	(s)	**13,356**	**53,523**
Liquefied Petroleum Gases	6,673	2,329	2,085	433	0	0	3,090	3,111	(s)	11,499	48,082
Ethane	1,739	22	1,110	-81	0	0	0	132	(s)	2,658	1,961
Other Products[3]	366	0	0	-118	0	0	1,086	2,136	0	-802	3,481
Other Liquids	**304**	**0**	**132**	**-636**	**0**	**0**	**796**	**1,107**	**0**	**-511**	**33,055**
Other Hydrocarbons and Alcohol	304	0	0	-3	0	0	0	301	0	0	115
Unfinished Oils	0	0	2	-723	0	0	87	617	0	-1,251	22,539
Motor Gasoline Blending Components	0	0	130	55	0	0	709	154	0	740	10,230
Aviation Gasoline Blending Components	0	0	0	35	0	0	0	35	0	0	171
Finished Petroleum Products	**10**	**97,811**	**828**	**1,966**	**0**	**0**	**16,496**	**0**	**347**	**116,764**	**144,597**
Finished Motor Gasoline	0	54,236	1	1,311	0	0	10,373	0	31	65,890	55,058
Finished Leaded Motor Gasoline	0	28,526	1	1,240	0	0	5,353	0	31	35,089	29,949
Finished Unleaded Motor Gasoline	0	25,686	0	53	0	0	5,020	0	0	30,759	25,075
Gasohol	0	24	0	18	0	0	0	0	0	42	34
Finished Aviation Gasoline	0	216	0	-140	0	0	129	0	0	205	645
Naphtha-Type Jet Fuel	0	1,021	0	90	0	0	58	0	0	1,169	1,318
Kerosene-Type Jet Fuel	0	2,825	0	656	0	0	939	0	0	4,420	8,701
Kerosene	0	494	0	131	0	0	91	0	0	716	2,689
Distillate Fuel Oil	1	20,066	0	-198	0	0	4,814	0	1	24,682	54,344
Residual Fuel Oil	0	4,466	751	-417	0	0	-458	0	34	4,308	8,505
Naphtha and Other Oils for Petro Feed	0	1,540	0	-332	0	0	47	0	71	1,184	747
Special Naphthas	0	301	62	58	0	0	140	0	4	556	876
Lubricants	0	831	(s)	113	0	0	217	0	30	1,131	2,134
Waxes	0	36	5	5	0	0	0	0	1	45	50
Petroleum Coke	0	3,239	0	136	0	0	0	0	172	3,203	518
Asphalt	0	3,724	0	677	0	0	227	0	1	4,627	8,688
Road Oil	0	25	0	19	0	0	0	0	0	44	25
Still Gas	0	4,081	0	0	0	0	0	0	0	4,081	0
Miscellaneous Products	9	710	9	-143	0	0	-81	0	1	502	299
Total	**39,564**	**100,162**	**25,290**	**1,392**	**37,721**	**-8**	**22,738**	**96,894**	**356**	**129,609**	**313,470**

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding

Sources and estimation procedures. See Explanatory Notes on Data Collection and Estimation

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**30,406**	**0**	**18,458**	**-493**	**40,662**	**-20**	**1,161**	**88,648**	**1,526**	**0**	**82,788**
Natural Gas Plant Liquids and LRGs	**9,188**	**2,360**	**5,206**	**5,142**	**0**	**0**	**3,173**	**6,238**	**1,689**	**17,143**	**48,382**
Liquefied Petroleum Gases	7,407	2,346	4,344	4,308	0	0	2,253	3,787	1,689	15,182	43,774
Ethane	2,036	14	863	68	0	0	0	129	(s)	2,851	1,893
Other Products[3]	-254	0	0	766	0	0	920	2,322	0	-890	2,715
Other Liquids	**277**	**0**	**191**	**-1,114**	**0**	**0**	**1,323**	**1,403**	**0**	**-726**	**34,169**
Other Hydrocarbons and Alcohol	277	0	0	11	0	0	0	288	0	0	104
Unfinished Oils	0	0	49	-1,001	0	0	487	76	0	-541	23,540
Motor Gasoline Blending Components	0	0	143	-67	0	0	836	1,096	0	-184	10,297
Aviation Gasoline Blending Components	0	0	0	-57	0	0	0	-57	0	0	228
Finished Petroleum Products	**10**	**98,046**	**351**	**5,165**	**0**	**0**	**16,575**	**0**	**735**	**119,412**	**139,432**
Finished Motor Gasoline	0	55,880	1	-617	0	0	11,118	0	70	66,312	55,675
Finished Leaded Motor Gasoline	0	30,691	0	-914	0	0	6,268	0	70	35,975	30,863
Finished Unleaded Motor Gasoline	0	25,152	1	294	0	0	4,850	0	0	30,297	24,781
Gasohol	0	37	0	3	0	0	0	0	0	40	31
Finished Aviation Gasoline	0	150	0	-20	0	0	146	0	0	276	665
Naphtha-Type Jet Fuel	0	948	0	-10	0	0	-18	0	0	920	1,328
Kerosene-Type Jet Fuel	0	3,157	0	-305	0	0	1,252	0	0	4,104	9,006
Kerosene	0	325	0	-3	0	0	136	0	0	458	2,692
Distillate Fuel Oil	1	19,497	0	3,359	0	0	4,224	0	(s)	27,081	50,985
Residual Fuel Oil	0	4,246	276	499	0	0	-1,080	0	0	3,941	8,006
Naphtha and Other Oils for Petro. Feed.	0	1,520	0	265	0	0	42	0	41	1,786	482
Special Naphthas	0	336	51	103	0	0	128	0	(s)	618	773
Lubricants	0	709	1	87	0	0	303	0	14	1,086	2,047
Waxes	0	45	14	-13	0	0	0	0	(s)	45	63
Petroleum Coke	0	3,189	0	69	0	0	0	0	607	2,651	449
Asphalt	0	3,370	0	2,101	0	0	344	0	1	5,814	6,587
Road Oil	0	8	0	4	0	0	0	0	0	12	21
Still Gas	0	3,874	0	0	0	0	0	0	0	3,874	0
Miscellaneous Products	9	792	10	-354	0	0	-20	0	2	435	653
Total	**39,881**	**100,406**	**24,207**	**8,700**	**40,662**	**-20**	**22,232**	**96,289**	**3,950**	**135,829**	**304,771**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, November 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**E 29,798**	**0**	**23,697**	**-1,502**	**36,639**	**-58**	**1,054**	**87,961**	**1,667**	**0**	**84,290**
Natural Gas Plant Liquids and LRGs	**9,575**	**2,221**	**6,711**	**2,415**	**0**	**0**	**5,616**	**6,371**	**769**	**19,399**	**45,966**
Liquefied Petroleum Gases	7,050	2,182	5,584	2,437	0	0	4,702	4,545	769	16,641	41,336
Ethane	1,896	39	1,127	61	0	0	0	161	0	2,962	1,832
Other Products[3]	630	0	0	-83	0	0	914	1,665	0	-204	2,798
Other Liquids	**459**	**0**	**172**	**1,004**	**0**	**0**	**1,334**	**4,909**	**0**	**-1,940**	**33,165**
Other Hydrocarbons and Alcohol	459	0	0	20	0	0	0	479	0	0	84
Unfinished Oils	0	0	62	1,300	0	0	406	3,198	0	-1,430	22,240
Motor Gasoline Blending Components	0	0	110	-340	0	0	928	1,208	0	-510	10,637
Aviation Gasoline Blending Components	0	0	0	24	0	0	0	24	0	0	204
Finished Petroleum Products	**11**	**100,910**	**698**	**-2,069**	**0**	**0**	**12,052**	**0**	**254**	**111,348**	**141,501**
Finished Motor Gasoline	0	57,189	1	-2,877	0	0	8,398	0	1	62,710	58,552
Finished Leaded Motor Gasoline	0	30,608	0	-1,218	0	0	4,853	0	1	34,242	32,081
Finished Unleaded Motor Gasoline	0	26,549	1	-1,652	0	0	3,545	0	0	28,443	26,433
Gasohol	0	32	0	-7	0	0	0	0	0	25	38
Finished Aviation Gasoline	0	164	0	-9	0	0	108	0	0	263	674
Naphtha-Type Jet Fuel	0	861	0	13	0	0	46	0	0	920	1,315
Kerosene-Type Jet Fuel	0	2,889	0	637	0	0	974	0	0	4,500	8,369
Kerosene	0	543	0	159	0	0	337	0	0	1,039	2,533
Distillate Fuel Oil	1	22,120	0	-586	0	0	2,797	0	1	24,331	51,571
Residual Fuel Oil	0	4,309	621	-154	0	0	-1,442	0	(s)	3,333	8,160
Naphtha and Other Oils for Petro. Feed.	0	1,580	0	164	0	0	80	0	51	1,773	318
Special Naphthas	0	390	59	-60	0	0	217	0	1	605	833
Lubricants	0	799	(s)	-75	0	0	279	0	18	985	2,122
Waxes	0	38	9	-4	0	0	0	0	1	43	67
Petroleum Coke	0	3,548	0	-296	0	0	0	0	180	3,072	745
Asphalt	0	2,486	0	800	0	0	73	0	1	3,358	5,787
Road Oil	0	5	0	1	0	0	0	0	0	6	20
Still Gas	0	3,821	0	0	0	0	0	0	0	3,821	0
Miscellaneous Products	10	168	8	218	0	0	185	0	(s)	588	435
Total	**39,843**	**103,131**	**31,278**	**-152**	**36,639**	**-58**	**20,056**	**99,241**	**2,689**	**128,806**	**304,923**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

E Estimated.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**30,597**	**0**	**22,559**	**-158**	**39,240**	**-21**	**1,225**	**92,282**	**1,160**	**0**	**84,448**
Natural Gas Plant Liquids and LRGs	**10,269**	**2,623**	**5,656**	**4,938**	**0**	**0**	**5,526**	**6,937**	**486**	**21,589**	**41,028**
Liquefied Petroleum Gases	7,852	2,597	5,050	5,265	0	0	4,532	5,301	486	19,509	36,071
Ethane	2,154	26	606	175	0	0	0	0	(s)	2,962	1,657
Other Products[3]	263	0	0	-502	0	0	994	1,636	0	-882	3,300
Other Liquids	**319**	**0**	**190**	**640**	**0**	**0**	**1,156**	**4,181**	**0**	**-1,876**	**32,525**
Other Hydrocarbons and Alcohol	319	0	0	-32	0	0	0	287	0	0	116
Unfinished Oils	0	0	127	1,051	0	0	217	2,616	0	-1,221	21,189
Motor Gasoline Blending Components	0	0	63	-423	0	0	939	1,234	0	-655	11,060
Aviation Gasoline Blending Components	0	0	0	44	0	0	0	44	0	0	160
Finished Petroleum Products	**19**	**104,749**	**860**	**-2,023**	**0**	**0**	**14,079**	**0**	**629**	**117,055**	**143,524**
Finished Motor Gasoline	0	59,093	1	-2,989	0	0	11,128	0	0	67,233	61,541
Finished Leaded Motor Gasoline	0	31,242	0	-3,994	0	0	6,089	0	0	33,337	36,075
Finished Unleaded Motor Gasoline	0	27,822	1	998	0	0	5,039	0	0	33,860	25,435
Gasohol	0	29	0	7	0	0	0	0	0	36	31
Finished Aviation Gasoline	0	107	0	48	0	0	94	0	0	249	626
Naphtha-Type Jet Fuel	0	867	0	93	0	0	108	0	0	1,068	1,222
Kerosene-Type Jet Fuel	0	3,217	0	497	0	0	929	0	0	4,643	7,872
Kerosene	0	691	0	197	0	0	413	0	(s)	1,301	2,336
Distillate Fuel Oil	1	22,950	0	1,558	0	0	2,165	0	1	26,674	50,013
Residual Fuel Oil	0	4,766	795	-136	0	0	-1,712	0	0	3,713	8,296
Naphtha and Other Oils for Petro. Feed.	0	1,813	0	-25	0	0	310	0	51	2,047	343
Special Naphthas	0	402	52	-46	0	0	102	0	1	509	879
Lubricants	0	886	(s)	-55	0	0	279	0	13	1,097	2,177
Waxes	0	43	5	-10	0	0	0	0	(s)	37	77
Petroleum Coke	0	3,557	0	-175	0	0	0	0	522	2,860	920
Asphalt	0	2,197	0	-964	0	0	144	0	40	1,337	6,751
Road Oil	0	0	0	2	0	0	0	0	0	2	18
Still Gas	0	3,994	0	0	0	0	0	0	0	3,994	0
Miscellaneous Products	18	166	6	-18	0	0	119	0	1	290	453
Total	**41,204**	**107,372**	**29,265**	**3,397**	**39,240**	**-21**	**21,986**	**103,400**	**2,275**	**136,768**	**301,525**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, January 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**132,577**	**0**	**75,234**	**3,739**	**-38,391**	**-104**	**5,263**	**178,318**	**0**	**0**	**274,170**
Natural Gas Plant Liquids and LRGs	**35,699**	**4,716**	**993**	**6,742**	**0**	**0**	**-9,494**	**10,747**	**352**	**27,557**	**82,891**
Liquefied Petroleum Gases	20,592	4,476	993	5,946	0	0	-9,183	4,836	352	17,636	68,797
Ethane	7,079	240	0	-168	0	0	0	96	(s)	7,056	2,249
Other Products[3]	8,028	0	0	964	0	0	-311	5,815	0	2,865	11,845
Other Liquids	**454**	**0**	**442**	**1,077**	**0**	**0**	**-605**	**12,703**	**0**	**-11,335**	**69,641**
Other Hydrocarbons and Alcohol	454	0	0	26	0	0	0	480	0	0	31
Unfinished Oils	0	0	244	204	0	0	217	8,271	0	-7,606	51,202
Motor Gasoline Blending Components	0	0	198	804	0	0	-822	3,909	0	-3,729	18,205
Aviation Gasoline Blending Components	0	0	0	43	0	0	0	43	0	0	203
Finished Petroleum Products	**687**	**203,215**	**889**	**3,932**	**0**	**0**	**-108,777**	**0**	**2,473**	**97,473**	**149,092**
Finished Motor Gasoline	253	86,669	95	-3,918	0	0	-54,867	0	(s)	28,232	59,282
Finished Leaded Motor Gasoline	86	43,383	0	-2,461	0	0	-27,644	0	(s)	13,363	33,571
Finished Unleaded Motor Gasoline	167	43,276	95	-1,447	0	0	-27,223	0	0	14,868	25,700
Gasohol	0	10	0	-10	0	0	0	0	0	0	11
Finished Aviation Gasoline	32	521	0	4	0	0	-374	0	0	183	742
Naphtha-Type Jet Fuel	0	1,970	0	43	0	0	-786	0	0	1,227	2,360
Kerosene-Type Jet Fuel	0	11,623	237	786	0	0	-11,274	0	0	1,372	9,627
Kerosene	1	3,757	0	-201	0	0	-1,672	0	(s)	1,885	2,796
Distillate Fuel Oil	10	41,405	(s)	5,863	0	0	-27,931	0	1	19,347	34,000
Residual Fuel Oil	0	19,630	367	1,896	0	0	-8,767	0	743	12,383	21,801
Naphtha and Other Oils for Petro. Feed.	0	16,076	112	90	0	0	-93	0	319	15,866	4,992
Special Naphthas	105	1,452	43	111	0	0	-564	0	5	1,143	1,776
Lubricants	0	2,848	28	-84	0	0	-940	0	413	1,440	5,712
Waxes	0	385	6	12	0	0	-24	0	70	309	348
Petroleum Coke	0	4,076	0	291	0	0	0	0	915	3,452	468
Asphalt	0	2,745	0	-853	0	0	-313	0	(s)	1,579	4,004
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,609	0	0	0	0	0	0	0	7,609	0
Miscellaneous Products	284	2,449	0	-108	0	0	-1,172	0	7	1,446	1,182
Total	**169,417**	**207,931**	**77,558**	**15,490**	**-38,391**	**-104**	**-113,613**	**201,768**	**2,825**	**113,696**	**575,794**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**119,414**	**0**	**67,827**	**-11,791**	**-24,564**	**-70**	**7,240**	**158,056**	**0**	**0**	**285,961**
Natural Gas Plant Liquids and LRGs	**32,274**	**4,109**	**688**	**1,991**	**0**	**0**	**-6,571**	**8,554**	**421**	**23,516**	**80,900**
Liquefied Petroleum Gases	17,939	3,929	688	1,712	0	0	-6,302	3,175	421	14,371	67,085
Ethane	6,634	180	0	-135	0	0	0	83	0	6,596	2,384
Other Products[3]	7,701	0	0	414	0	0	-269	5,296	0	2,549	11,431
Other Liquids	**372**	**0**	**1,212**	**-2,276**	**0**	**0**	**-1,278**	**6,137**	**0**	**-8,107**	**71,917**
Other Hydrocarbons and Alcohol	372	0	0	16	0	0	0	388	0	0	15
Unfinished Oils	0	0	1,212	39	0	0	-558	5,486	0	-4,793	51,163
Motor Gasoline Blending Components	0	0	0	-2,437	0	0	-720	157	0	-3,314	20,642
Aviation Gasoline Blending Components	0	0	0	106	0	0	0	106	0	0	97
Finished Petroleum Products	**651**	**176,020**	**736**	**4,156**	**0**	**12**	**-94,588**	**0**	**3,986**	**83,001**	**144,936**
Finished Motor Gasoline	311	72,563	0	28	0	0	-46,458	0	0	26,444	59,254
Finished Leaded Motor Gasoline	149	35,407	0	909	0	0	-23,750	0	0	12,715	32,662
Finished Unleaded Motor Gasoline	162	37,151	0	-880	0	0	-22,708	0	0	13,725	26,580
Gasohol	0	5	0	-1	0	0	0	0	0	4	12
Finished Aviation Gasoline	24	375	0	-19	0	0	-225	0	0	156	760
Naphtha-Type Jet Fuel	0	1,664	0	344	0	0	-805	0	0	1,203	2,016
Kerosene-Type Jet Fuel	0	9,928	159	15	0	0	-9,433	0	0	669	9,612
Kerosene	4	3,107	0	145	0	0	-1,683	0	0	1,572	2,651
Distillate Fuel Oil	12	37,421	434	1,691	0	12	-27,087	0	0	12,483	32,309
Residual Fuel Oil	0	16,855	0	2,075	0	0	-5,766	0	1,341	11,823	19,726
Naphtha and Other Oils for Petro. Feed.	0	14,092	63	243	0	0	-162	0	548	13,688	4,749
Special Naphthas	117	1,681	75	77	0	0	-442	0	10	1,498	1,699
Lubricants	0	2,836	0	141	0	0	-1,162	0	266	1,549	5,571
Waxes	0	281	5	28	0	0	-12	0	14	288	320
Petroleum Coke	0	3,576	0	-124	0	0	0	0	1,775	1,677	592
Asphalt	0	2,580	0	-378	0	0	-499	0	1	1,702	4,382
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	6,825	0	0	0	0	0	0	0	6,825	0
Miscellaneous Products	183	2,236	(s)	-111	0	0	-854	0	30	1,424	1,293
Total	**152,712**	**180,129**	**70,463**	**-7,921**	**-24,564**	**-58**	**-95,197**	**172,747**	**4,407**	**98,410**	**583,715**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, March 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**132,899**	**0**	**71,337**	**-13,537**	**-26,493**	**-93**	**6,425**	**170,538**	**0**	**0**	**299,498**
Natural Gas Plant Liquids and LRGs	**35,342**	**4,150**	**538**	**-65**	**0**	**0**	**-5,084**	**8,118**	**405**	**26,358**	**80,965**
Liquefied Petroleum Gases	19,907	3,997	538	-1,124	0	0	-4,590	3,022	405	15,301	68,209
Ethane	7,115	153	0	80	0	0	0	90	0	7,258	2,304
Other Products[3]	8,320	0	0	979	0	0	-494	5,006	0	3,799	10,452
Other Liquids	**463**	**0**	**710**	**-1,512**	**0**	**0**	**-1,135**	**9,068**	**0**	**-10,542**	**73,429**
Other Hydrocarbons and Alcohol	463	0	0	0	0	0	0	463	0	0	15
Unfinished Oils	0	0	710	-2,453	0	0	-405	3,604	0	-5,752	53,616
Motor Gasoline Blending Components	0	0	0	984	0	0	-730	5,044	0	-4,790	19,658
Aviation Gasoline Blending Components	0	0	0	-43	0	0	0	-43	0	0	140
Finished Petroleum Products	**744**	**190,109**	**1,179**	**-481**	**0**	**1**	**-94,568**	**0**	**4,903**	**92,081**	**145,417**
Finished Motor Gasoline	296	81,768	595	37	0	0	-53,009	0	0	29,688	59,216
Finished Leaded Motor Gasoline	172	41,936	64	-2,205	0	0	-26,217	0	0	13,750	34,867
Finished Unleaded Motor Gasoline	125	39,832	531	2,240	0	0	-26,787	0	0	15,940	24,340
Gasohol	0	0	0	3	0	0	-5	0	0	-2	9
Finished Aviation Gasoline	47	442	0	-1	0	0	-434	0	0	54	761
Naphtha-Type Jet Fuel	0	2,485	0	-126	0	0	-763	0	0	1,596	2,142
Kerosene-Type Jet Fuel	0	11,724	0	-834	0	0	-9,067	0	0	1,823	10,446
Kerosene	5	2,857	0	-23	0	0	-1,304	0	1	1,534	2,674
Distillate Fuel Oil	7	36,097	229	-144	0	1	-22,711	0	4	13,476	32,453
Residual Fuel Oil	0	17,234	(s)	368	0	0	-4,064	0	1,522	12,016	19,358
Naphtha and Other Oils for Petro. Feed.	0	16,886	168	-261	0	0	-171	0	914	15,708	5,010
Special Naphthas	155	1,599	87	269	0	0	-594	0	476	1,040	1,430
Lubricants	0	3,278	94	-15	0	0	-1,194	0	549	1,614	5,586
Waxes	0	386	6	-4	0	0	-15	0	41	333	324
Petroleum Coke	0	3,984	0	-175	0	0	0	0	1,380	2,429	767
Asphalt	0	2,452	0	207	0	0	-583	0	(s)	2,076	4,175
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,117	0	0	0	0	0	0	0	7,117	0
Miscellaneous Products	233	1,800	(s)	220	0	0	-659	0	17	1,577	1,073
Total	**169,448**	**194,259**	**73,765**	**-15,595**	**-26,493**	**-92**	**-94,362**	**187,724**	**5,308**	**107,897**	**599,310**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, April 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**127,524**	**0**	**72,453**	**-15,806**	**-21,058**	**-80**	**5,920**	**168,953**	**0**	**0**	**315,304**
Natural Gas Plant Liquids and LRGs	**33,960**	**4,699**	**600**	**-5,169**	**0**	**0**	**-3,205**	**7,545**	**584**	**22,755**	**86,135**
Liquefied Petroleum Gases	20,445	4,482	600	-4,661	0	0	-2,906	2,745	584	14,631	72,870
Ethane	6,554	217	0	-222	0	0	0	82	(s)	6,467	2,526
Other Products[3]	6,961	0	0	-287	0	0	-299	4,718	0	1,657	10,739
Other Liquids	**535**	**0**	**1,792**	**316**	**0**	**0**	**-1,105**	**7,289**	**0**	**-5,751**	**73,113**
Other Hydrocarbons and Alcohol	535	0	0	-10	0	0	0	525	0	0	25
Unfinished Oils	0	0	1,781	257	0	0	-331	4,205	0	-2,498	53,359
Motor Gasoline Blending Components	0	0	11	115	0	0	-774	2,619	0	-3,267	19,543
Aviation Gasoline Blending Components	0	0	0	-46	0	0	0	-60	0	14	186
Finished Petroleum Products	**422**	**185,450**	**1,475**	**-1,695**	**0**	**3**	**-87,679**	**0**	**4,250**	**93,726**	**147,112**
Finished Motor Gasoline	42	79,704	330	2,436	0	0	-53,296	0	0	29,215	56,781
Finished Leaded Motor Gasoline	18	37,546	0	2,544	0	0	-24,943	0	0	15,165	32,323
Finished Unleaded Motor Gasoline	24	42,158	330	-112	0	0	-28,345	0	0	14,054	24,452
Gasohol	0	0	0	4	0	0	-8	0	0	-4	5
Finished Aviation Gasoline	36	319	0	180	0	0	-593	0	0	-59	582
Naphtha-Type Jet Fuel	0	1,653	183	137	0	0	-565	0	0	1,408	2,005
Kerosene-Type Jet Fuel	0	11,981	50	-1,260	0	0	-9,281	0	0	1,490	11,706
Kerosene	4	2,688	0	-833	0	0	-499	0	2	1,359	3,507
Distillate Fuel Oil	9	34,984	98	-2,228	0	3	-17,266	0	1	15,599	34,680
Residual Fuel Oil	0	17,008	0	283	0	0	-3,366	0	1,241	12,684	19,075
Naphtha and Other Oils for Petro. Feed.	0	16,421	254	-248	0	0	-74	0	478	15,876	5,258
Special Naphthas	117	1,615	116	-325	0	0	-483	0	237	803	1,756
Lubricants	0	3,121	443	15	0	0	-1,362	0	373	1,844	5,571
Waxes	0	345	1	-25	0	0	-11	0	30	280	349
Petroleum Coke	0	3,810	0	98	0	0	0	0	1,872	2,036	669
Asphalt	0	2,891	0	245	0	0	-402	0	4	2,730	3,930
Road Oil	0	1	0	0	0	0	0	0	0	1	2
Still Gas	0	7,410	0	0	0	0	0	0	0	7,410	0
Miscellaneous Products	214	1,499	0	-169	0	0	-481	0	13	1,050	1,242
Total	**162,441**	**190,149**	**76,320**	**-22,354**	**-21,058**	**-77**	**-86,069**	**183,787**	**4,834**	**110,731**	**621,664**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**129,558**	**0**	**81,066**	**-17,383**	**-23,990**	**-65**	**9,812**	**178,998**	**0**	**0**	**332,687**
Natural Gas Plant Liquids and LRGs	**34,842**	**4,798**	**742**	**-2,591**	**0**	**0**	**-3,777**	**7,861**	**379**	**25,774**	**88,726**
Liquefied Petroleum Gases	20,682	4,505	742	-3,891	0	0	-3,108	2,894	379	15,657	76,761
Ethane	6,752	293	0	315	0	0	0	110	0	7,251	2,210
Other Products[3]	7,407	0	0	984	0	0	-669	4,857	0	2,865	9,754
Other Liquids	**888**	**0**	**1,994**	**2,267**	**0**	**0**	**-1,998**	**7,006**	**0**	**-3,855**	**70,846**
Other Hydrocarbons and Alcohol	888	0	0	16	0	0	0	904	0	0	9
Unfinished Oils	0	0	1,738	1,170	0	0	-1,393	3,289	0	-1,774	52,189
Motor Gasoline Blending Components	0	0	256	1,045	0	0	-605	2,805	0	-2,109	18,498
Aviation Gasoline Blending Components	0	0	0	36	0	0	0	8	0	28	150
Finished Petroleum Products	**434**	**195,181**	**2,151**	**-5,913**	**0**	**2**	**-95,138**	**0**	**3,355**	**93,362**	**153,025**
Finished Motor Gasoline	16	83,445	537	3,021	0	0	-56,630	0	(s)	30,389	53,760
Finished Leaded Motor Gasoline	13	38,841	0	3,445	0	0	-28,428	0	(s)	13,871	28,878
Finished Unleaded Motor Gasoline	3	44,590	537	-413	0	0	-28,202	0	0	16,516	24,866
Gasohol	0	14	0	-11	0	0	0	0	0	3	16
Finished Aviation Gasoline	29	567	0	-77	0	0	-430	0	0	90	658
Naphtha-Type Jet Fuel	0	2,426	0	-248	0	0	-1,220	0	0	958	2,253
Kerosene-Type Jet Fuel	0	13,218	0	-1,375	0	0	-10,307	0	0	1,536	13,081
Kerosene	5	2,630	0	-381	0	0	-625	0	0	1,629	3,888
Distillate Fuel Oil	6	36,284	216	-4,534	0	2	-19,670	0	1	12,303	39,214
Residual Fuel Oil	0	16,889	944	-2,622	0	0	-2,867	0	226	12,118	21,697
Naphtha and Other Oils for Petro. Feed.	0	17,998	289	952	0	0	-679	0	693	17,867	4,306
Special Naphthas	112	1,685	133	-257	0	0	-538	0	247	888	2,013
Lubricants	0	3,244	30	-351	0	0	-1,216	0	363	1,344	5,922
Waxes	0	340	1	19	0	0	-13	0	44	304	330
Petroleum Coke	0	4,132	0	-104	0	0	0	0	1,750	2,278	773
Asphalt	0	3,235	0	-70	0	0	-535	0	1	2,629	4,000
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,767	0	0	0	0	0	0	0	7,767	0
Miscellaneous Products	266	1,321	(s)	114	0	0	-408	0	31	1,261	1,129
Total	**165,722**	**199,979**	**85,953**	**-23,620**	**-23,990**	**-63**	**-91,101**	**193,865**	**3,734**	**115,281**	**645,284**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, June 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**126,566**	**0**	**60,447**	**-4,375**	**-21,858**	**-146**	**7,398**	**168,032**	**0**	**0**	**337,062**
Natural Gas Plant Liquids and LRGs	**33,770**	**4,002**	**1,723**	**-2,913**	**0**	**0**	**-5,550**	**8,035**	**588**	**22,408**	**91,639**
Liquefied Petroleum Gases	19,937	3,749	1,723	-2,573	0	0	-4,852	3,080	588	14,316	79,334
Ethane	6,857	253	0	-199	0	0	0	160	0	6,751	2,409
Other Products[3]	6,975	0	0	-141	0	0	-698	4,795	0	1,341	9,895
Other Liquids	**1,053**	**0**	**1,728**	**-2,655**	**0**	**0**	**-1,344**	**6,123**	**0**	**-7,341**	**73,501**
Other Hydrocarbons and Alcohol	1,053	0	0	5	0	0	0	1,058	0	0	4
Unfinished Oils	0	0	1,551	-2,172	0	0	-773	1,630	0	-3,024	54,361
Motor Gasoline Blending Components	0	0	178	-477	0	0	-571	3,495	0	-4,365	18,975
Aviation Gasoline Blending Components	0	0	0	-11	0	0	0	-60	0	49	161
Finished Petroleum Products	**413**	**183,599**	**512**	**8,526**	**0**	**4**	**-90,901**	**0**	**4,235**	**97,919**	**144,499**
Finished Motor Gasoline	16	78,590	(s)	6,804	0	0	-53,272	0	(s)	32,137	46,956
Finished Leaded Motor Gasoline	13	36,993	(s)	4,794	0	0	-25,585	0	(s)	16,215	24,084
Finished Unleaded Motor Gasoline	2	41,597	0	2,005	0	0	-27,682	0	0	15,922	22,861
Gasohol	0	0	0	5	0	0	-5	0	0	0	11
Finished Aviation Gasoline	52	513	0	9	0	0	-536	0	0	39	649
Naphtha-Type Jet Fuel	0	2,159	0	65	0	0	-730	0	0	1,494	2,188
Kerosene-Type Jet Fuel	0	11,835	0	982	0	0	-10,379	0	0	2,438	12,099
Kerosene	5	2,541	0	-493	0	0	-408	0	1	1,643	4,381
Distillate Fuel Oil	7	34,662	224	-3,738	0	4	-17,300	0	7	13,852	42,951
Residual Fuel Oil	0	15,029	179	4,729	0	0	-5,240	0	1,608	13,089	16,968
Naphtha and Other Oils for Petro. Feed.	0	17,182	0	-265	0	0	-674	0	174	16,069	4,571
Special Naphthas	133	1,443	60	177	0	0	-435	0	703	675	1,835
Lubricants	0	2,975	20	43	0	0	-911	0	326	1,801	5,879
Waxes	0	356	29	-62	0	0	-27	0	14	283	392
Petroleum Coke	0	4,177	0	7	0	0	0	0	1,389	2,795	766
Asphalt	0	2,839	0	162	0	0	-600	0	1	2,400	3,838
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,765	0	0	0	0	0	0	0	7,765	0
Miscellaneous Products	200	1,533	(s)	106	0	0	-389	0	12	1,438	1,023
Total	**161,802**	**187,601**	**64,411**	**-1,417**	**-21,858**	**-142**	**-90,397**	**182,190**	**4,823**	**112,985**	**646,701**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, July 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (Including lease condensate)	**129,775**	**0**	**67,044**	**-9,410**	**-22,957**	**-61**	**6,113**	**170,504**	**0**	**0**	**346,472**
Natural Gas Plant Liquids and LRGs	**34,900**	**4,238**	**942**	**-3,220**	**0**	**0**	**-5,602**	**8,433**	**388**	**22,437**	**94,859**
Liquefied Petroleum Gases	21,140	4,186	942	-3,928	0	0	-4,949	2,825	388	14,179	83,262
Ethane	6,770	52	0	-39	0	0	0	156	0	6,627	2,448
Other Products[3]	6,989	0	0	747	0	0	-653	5,452	0	1,631	9,149
Other Liquids	**759**	**0**	**864**	**59**	**0**	**0**	**-1,358**	**6,807**	**0**	**-6,483**	**73,442**
Other Hydrocarbons and Alcohol	759	0	0	-2	0	0	0	757	0	0	6
Unfinished Oils	0	0	864	-2,339	0	0	-615	263	0	-2,353	56,700
Motor Gasoline Blending Components	0	0	0	2,443	0	0	-743	5,925	0	-4,225	16,532
Aviation Gasoline Blending Components	0	0	0	-43	0	0	0	-138	0	95	204
Finished Petroleum Products	**432**	**186,729**	**3,729**	**103**	**0**	**6**	**-90,172**	**0**	**3,972**	**96,855**	**144,396**
Finished Motor Gasoline	16	83,016	0	-512	0	0	-51,071	0	0	31,448	47,468
Finished Leaded Motor Gasoline	11	39,977	0	-651	0	0	-24,403	0	0	14,934	24,736
Finished Unleaded Motor Gasoline	4	43,039	0	136	0	0	-26,668	0	0	16,511	22,725
Gasohol	0	0	0	3	0	0	0	0	0	3	8
Finished Aviation Gasoline	89	499	0	30	0	0	-414	0	0	204	619
Naphtha-Type Jet Fuel	0	2,578	0	-288	0	0	-1,186	0	0	1,104	2,476
Kerosene-Type Jet Fuel	0	12,955	0	-1,582	0	0	-9,987	0	0	1,386	13,681
Kerosene	5	2,050	0	91	0	0	-431	0	(s)	1,715	4,290
Distillate Fuel Oil	7	33,649	404	2,197	0	6	-19,025	0	8	17,230	40,755
Residual Fuel Oil	0	14,469	2,752	-436	0	0	-5,068	0	627	11,090	17,404
Naphtha and Other Oils for Petro. Feed.	0	15,441	263	421	0	0	-228	0	538	15,359	4,150
Special Naphthas	134	1,476	163	147	0	0	-469	0	286	1,165	1,689
Lubricants	0	2,837	71	18	0	0	-1,056	0	269	1,601	5,861
Waxes	0	326	2	7	0	0	-9	0	37	289	385
Petroleum Coke	0	4,227	0	-134	0	0	0	0	2,169	1,924	900
Asphalt	0	3,206	0	112	0	0	-769	0	1	2,548	3,726
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	8,216	0	0	0	0	0	0	0	8,216	0
Miscellaneous Products	180	1,784	74	33	0	0	-459	0	37	1,575	990
Total	165,865	190,967	72,579	-12,468	-22,957	-55	-91,019	185,744	4,360	112,809	659,169

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**130,475**	**0**	**66,777**	**3,897**	**-31,057**	**-96**	**8,605**	**178,601**	**0**	**0**	**342,575**
Natural Gas Plant Liquids and LRGs	**35,820**	**5,022**	**1,505**	**-4,040**	**0**	**0**	**-7,012**	**7,978**	**391**	**22,926**	**98,899**
Liquefied Petroleum Gases	20,606	4,742	1,505	-3,401	0	0	-6,516	3,149	391	13,396	86,663
Ethane	7,094	280	0	111	0	0	0	103	0	7,382	2,338
Other Products[3]	8,120	0	0	-750	0	0	-496	4,726	0	2,148	9,899
Other Liquids	**587**	**0**	**2,007**	**-534**	**0**	**0**	**-1,685**	**8,310**	**0**	**-7,935**	**73,976**
Other Hydrocarbons and Alcohol	587	0	0	-29	0	0	0	558	0	0	35
Unfinished Oils	0	0	1,955	2,321	0	0	-846	6,726	0	-3,296	54,379
Motor Gasoline Blending Components	0	0	52	-2,771	0	0	-839	1,166	0	-4,724	19,303
Aviation Gasoline Blending Components	0	0	0	-55	0	0	0	-140	0	85	259
Finished Petroleum Products	**465**	**195,827**	**4,245**	**-11,356**	**0**	**5**	**-91,204**	**0**	**4,271**	**93,711**	**155,751**
Finished Motor Gasoline	22	86,660	0	-1,800	0	0	-55,582	0	0	29,300	49,268
Finished Leaded Motor Gasoline	15	40,293	0	-911	0	0	-27,038	0	0	12,359	25,647
Finished Unleaded Motor Gasoline	7	46,357	0	-881	0	0	-28,536	0	0	16,947	23,605
Gasohol	0	10	0	-8	0	0	-8	0	0	-6	16
Finished Aviation Gasoline	67	555	0	-63	0	0	-486	0	0	73	682
Naphtha-Type Jet Fuel	0	2,530	0	-525	0	0	-1,225	0	0	780	3,001
Kerosene-Type Jet Fuel	0	11,688	218	100	0	0	-9,114	0	0	2,892	13,581
Kerosene	6	2,248	0	-445	0	0	-577	0	1	1,231	4,735
Distillate Fuel Oil	6	37,914	315	-3,807	0	5	-18,610	0	4	15,819	44,561
Residual Fuel Oil	0	15,415	3,393	-3,766	0	0	-3,370	0	1,047	10,625	21,170
Naphtha and Other Oils for Petro. Feed.	0	15,825	194	-537	0	0	53	0	359	15,176	4,687
Special Naphthas	125	1,475	29	-37	0	0	-571	0	801	219	1,726
Lubricants	0	3,270	52	-528	0	0	-928	0	245	1,621	6,389
Waxes	0	426	14	-32	0	0	-9	0	11	388	417
Petroleum Coke	0	4,314	0	83	0	0	0	0	1,795	2,602	817
Asphalt	0	3,431	0	48	0	0	-601	0	1	2,877	3,678
Road Oil	0	66	0	0	0	0	0	0	0	66	2
Still Gas	0	8,043	0	0	0	0	0	0	0	8,043	0
Miscellaneous Products	240	1,967	30	-47	0	0	-184	0	7	1,999	1,037
Total	**167,347**	**200,849**	**74,534**	**-12,033**	**-31,057**	**-91**	**-91,296**	**194,889**	**4,662**	**108,703**	**671,201**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, September 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**125,898**	**0**	**75,279**	**-15,109**	**-29,415**	**-86**	**10,275**	**166,842**	**0**	**0**	**357,684**
Natural Gas Plant Liquids and LRGs	**34,988**	**4,613**	**1,459**	**-2,751**	**0**	**0**	**-6,342**	**8,715**	**424**	**22,828**	**101,650**
Liquefied Petroleum Gases	21,797	4,234	1,459	-1,785	0	0	-5,631	4,000	424	15,651	88,447
Ethane	6,776	379	0	-233	0	0	0	81	0	6,841	2,570
Other Products[3]	6,415	0	0	-734	0	0	-711	4,634	0	336	10,633
Other Liquids	**866**	**0**	**3,128**	**4,597**	**0**	**0**	**-1,422**	**13,793**	**0**	**-6,624**	**69,379**
Other Hydrocarbons and Alcohol	866	0	0	6	0	0	0	872	0	0	29
Unfinished Oils	0	0	2,615	5,589	0	0	-713	11,257	0	-3,766	48,790
Motor Gasoline Blending Components	0	0	512	-1,006	0	0	-709	1,800	0	-3,003	20,309
Aviation Gasoline Blending Components	0	0	0	8	0	0	0	-136	0	144	251
Finished Petroleum Products	**384**	**189,902**	**2,661**	**3,340**	**0**	**5**	**-98,174**	**0**	**3,802**	**94,317**	**152,411**
Finished Motor Gasoline	16	85,744	266	1,093	0	0	-55,481	0	0	31,638	48,175
Finished Leaded Motor Gasoline	13	40,762	0	716	0	0	-25,766	0	0	15,726	24,930
Finished Unleaded Motor Gasoline	3	44,982	266	374	0	0	-29,707	0	0	15,917	23,232
Gasohol	0	0	0	3	0	0	-8	0	0	-5	13
Finished Aviation Gasoline	71	461	0	-129	0	0	-486	0	0	-83	811
Naphtha-Type Jet Fuel	0	2,487	0	387	0	0	-1,404	0	0	1,470	2,614
Kerosene-Type Jet Fuel	0	10,892	0	1,296	0	0	-9,172	0	0	3,016	12,285
Kerosene	6	1,888	0	90	0	0	-494	0	(s)	1,490	4,645
Distillate Fuel Oil	8	35,848	278	-297	0	5	-22,207	0	1	13,634	44,858
Residual Fuel Oil	0	16,893	1,787	783	0	0	-6,011	0	1,291	12,161	20,387
Naphtha and Other Oils for Petro. Feed.	0	13,931	53	190	0	0	-49	0	346	13,779	4,497
Special Naphthas	121	1,427	106	-181	0	0	-438	0	429	607	1,907
Lubricants	0	2,550	151	192	0	0	-1,007	0	277	1,610	6,197
Waxes	0	321	20	20	0	0	-18	0	6	337	397
Petroleum Coke	0	4,729	0	-181	0	0	0	0	1,439	3,109	998
Asphalt	0	2,736	0	231	0	0	-519	0	1	2,447	3,447
Road Oil	0	1	0	0	0	0	0	0	0	1	2
Still Gas	0	7,565	0	0	0	0	0	0	0	7,565	0
Miscellaneous Products	163	2,429	1	-155	0	0	-888	0	14	1,535	1,192
Total	**162,136**	**194,515**	**82,527**	**-9,923**	**-29,415**	**-81**	**-95,663**	**189,350**	**4,226**	**110,520**	**681,125**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**129,735**	**0**	**71,096**	**-19,330**	**-25,116**	**-56**	**8,632**	**164,961**	**0**	**0**	**377,014**
Natural Gas Plant Liquids and LRGs	**35,640**	**4,325**	**2,304**	**-1,527**	**0**	**0**	**-5,884**	**9,390**	**420**	**25,047**	**103,178**
Liquefied Petroleum Gases	21,743	3,992	1,978	-1,696	0	0	-5,282	4,347	420	15,969	90,143
Ethane	6,899	333	0	-162	0	0	0	77	0	6,993	2,733
Other Products[3]	6,997	0	325	331	0	0	-602	4,966	0	2,086	10,302
Other Liquids	**848**	**0**	**1,801**	**116**	**0**	**0**	**-1,407**	**9,904**	**0**	**-8,546**	**69,263**
Other Hydrocarbons and Alcohol	848	0	0	-5	0	0	0	843	0	0	34
Unfinished Oils	0	0	1,744	-2,312	0	0	-571	4,725	0	-5,864	51,102
Motor Gasoline Blending Components	0	0	56	2,543	0	0	-836	4,554	0	-2,791	17,766
Aviation Gasoline Blending Components	0	0	0	-110	0	0	0	-218	0	108	361
Finished Petroleum Products	**381**	**185,203**	**2,613**	**7,198**	**0**	**2**	**-97,050**	**0**	**7,324**	**91,023**	**145,213**
Finished Motor Gasoline	17	85,114	0	946	0	0	-58,157	0	(s)	27,920	47,229
Finished Leaded Motor Gasoline	15	40,595	0	1,277	0	0	-29,253	0	(s)	12,634	23,653
Finished Unleaded Motor Gasoline	1	44,525	0	-343	0	0	-28,904	0	0	15,280	23,575
Gasohol	0	-6	0	12	0	0	0	0	0	6	1
Finished Aviation Gasoline	90	416	0	61	0	0	-395	0	0	172	750
Naphtha-Type Jet Fuel	0	2,336	0	-387	0	0	-632	0	0	1,317	3,001
Kerosene-Type Jet Fuel	0	10,616	0	998	0	0	-9,029	0	0	2,585	11,287
Kerosene	7	1,962	0	1,050	0	0	-1,020	0	1	1,998	3,595
Distillate Fuel Oil	6	35,760	217	5,023	0	2	-22,419	0	145	18,444	39,834
Residual Fuel Oil	0	14,421	1,765	-21	0	0	-2,498	0	4,036	9,630	20,408
Naphtha and Other Oils for Petro. Feed.	0	13,839	391	-136	0	0	-259	0	396	13,440	4,633
Special Naphthas	103	1,375	127	15	0	0	-424	0	345	851	1,891
Lubricants	0	2,884	49	309	0	0	-903	0	460	1,879	5,888
Waxes	0	321	17	-9	0	0	-7	0	41	281	406
Petroleum Coke	0	4,190	0	112	0	0	0	0	1,893	2,409	886
Asphalt	0	2,929	48	-243	0	0	-861	0	(s)	1,873	3,690
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	6,909	0	0	0	0	0	0	0	6,909	0
Miscellaneous Products	159	2,131	0	-521	0	0	-446	0	8	1,316	1,713
Total	**166,604**	**189,528**	**77,814**	**-13,544**	**-25,116**	**-54**	**-95,709**	**184,255**	**7,744**	**107,524**	**694,668**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, November 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**E 125,257**	**0**	**57,323**	**-8,680**	**-23,956**	**-21**	**8,842**	**158,765**	**0**	**0**	**385,694**
Natural Gas Plant Liquids and LRGs	**34,908**	**4,311**	**257**	**-489**	**0**	**0**	**-7,869**	**9,240**	**709**	**21,169**	**103,667**
Liquefied Petroleum Gases	20,715	4,041	76	-52	0	0	-7,305	4,801	709	11,966	90,195
Ethane	6,554	270	0	86	0	0	0	152	(s)	6,758	2,647
Other Products[3]	7,639	0	181	-524	0	0	-564	4,287	0	2,445	10,826
Other Liquids	**625**	**0**	**2,734**	**-768**	**0**	**0**	**-1,678**	**9,186**	**0**	**-8,273**	**70,031**
Other Hydrocarbons and Alcohol	625	0	0	-83	0	0	0	542	0	0	117
Unfinished Oils	0	0	2,084	1,258	0	0	-750	7,299	0	-4,707	49,844
Motor Gasoline Blending Components	0	0	650	-1,991	0	0	-928	1,367	0	-3,636	19,757
Aviation Gasoline Blending Components	0	0	0	48	0	0	0	-22	0	70	313
Finished Petroleum Products	**259**	**180,286**	**3,437**	**820**	**0**	**3**	**-89,995**	**0**	**5,445**	**89,365**	**144,394**
Finished Motor Gasoline	15	82,262	236	-3,649	0	0	-49,728	0	(s)	29,136	50,878
Finished Leaded Motor Gasoline	11	39,927	(s)	-2,750	0	0	-24,151	0	(s)	13,036	26,404
Finished Unleaded Motor Gasoline	4	42,334	236	-899	0	0	-25,569	0	0	16,105	24,474
Gasohol	0	1	0	1	0	0	-8	0	0	-6	0
Finished Aviation Gasoline	39	341	0	-70	0	0	-342	0	0	-33	820
Naphtha-Type Jet Fuel	0	2,151	0	161	0	0	-976	0	234	1,102	2,840
Kerosene-Type Jet Fuel	0	10,927	0	-80	0	0	-9,165	0	0	1,682	11,367
Kerosene	6	2,514	0	600	0	0	-1,265	0	(s)	1,855	2,995
Distillate Fuel Oil	2	35,229	219	3,105	0	3	-23,334	0	192	15,032	36,729
Residual Fuel Oil	0	14,506	1,652	680	0	0	-2,251	0	3,220	11,366	19,728
Naphtha and Other Oils for Petro. Feed.	0	11,801	745	584	0	0	-156	0	323	12,651	4,049
Special Naphthas	48	1,369	325	-4	0	0	-535	0	245	958	1,896
Lubricants	0	2,909	(s)	-375	0	0	-887	0	231	1,416	6,263
Waxes	0	274	4	7	0	0	-3	0	11	271	399
Petroleum Coke	0	4,012	0	-262	0	0	0	0	936	2,814	1,148
Asphalt	0	2,914	57	-4	0	0	-514	0	1	2,453	3,694
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	6,931	0	0	0	0	0	0	0	6,931	0
Miscellaneous Products	150	2,146	198	127	0	0	-839	0	51	1,731	1,585
Total	161,050	184,597	63,750	-9,117	-23,956	-18	-90,700	177,191	6,154	102,260	703,785

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
E Estimated.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**129,573**	**0**	**62,404**	**-4,855**	**-28,127**	**-55**	**12,199**	**171,139**	**0**	**0**	**390,549**
Natural Gas Plant Liquids and LRGs	**34,626**	**3,400**	**156**	**3,611**	**0**	**0**	**-9,188**	**9,913**	**837**	**21,855**	**100,055**
Liquefied Petroleum Gases	19,414	3,216	156	5,237	0	0	-8,518	5,428	837	13,241	84,957
Ethane	6,053	184	0	-611	0	0	0	280	0	5,345	3,258
Other Products[3]	9,159	0	0	-1,015	0	0	-670	4,205	0	3,269	11,840
Other Liquids	**541**	**0**	**3,116**	**2,643**	**0**	**0**	**-1,678**	**10,679**	**0**	**-6,057**	**67,388**
Other Hydrocarbons and Alcohol	541	0	0	32	0	0	0	573	0	0	85
Unfinished Oils	0	0	2,942	2,215	0	0	-739	7,394	0	-2,976	47,629
Motor Gasoline Blending Components	0	0	174	564	0	0	-939	2,955	0	-3,156	19,193
Aviation Gasoline Blending Components	0	0	0	-168	0	0	0	-243	0	75	481
Finished Petroleum Products	**280**	**195,434**	**1,734**	**4,113**	**0**	**3**	**-102,130**	**0**	**7,139**	**92,295**	**140,281**
Finished Motor Gasoline	19	86,705	399	599	0	0	-58,305	0	(s)	29,417	50,279
Finished Leaded Motor Gasoline	16	41,586	163	490	0	0	-28,213	0	(s)	14,042	25,913
Finished Unleaded Motor Gasoline	3	45,106	236	121	0	0	-30,088	0	0	15,378	24,353
Gasohol	0	13	0	-12	0	0	-4	0	0	-3	12
Finished Aviation Gasoline	61	405	0	-43	0	0	-297	0	0	126	864
Naphtha-Type Jet Fuel	0	2,337	0	-162	0	0	-674	0	0	1,501	3,002
Kerosene-Type Jet Fuel	0	12,397	0	551	0	0	-10,508	0	206	2,234	10,816
Kerosene	5	3,241	0	47	0	0	-1,847	0	0	1,446	2,948
Distillate Fuel Oil	2	40,219	(s)	1,181	0	3	-22,921	0	312	18,173	35,548
Residual Fuel Oil	0	17,847	1,216	990	0	0	-4,039	0	2,926	13,088	18,738
Naphtha and Other Oils for Petro. Feed.	0	11,195	68	813	0	0	-503	0	604	10,968	3,236
Special Naphthas	47	1,091	0	289	0	0	-258	0	233	936	1,607
Lubricants	0	2,956	(s)	-64	0	0	-1,282	0	354	1,256	6,327
Waxes	0	324	1	-25	0	0	-10	0	21	268	424
Petroleum Coke	0	4,314	(s)	278	0	0	0	0	2,462	2,131	870
Asphalt	0	2,454	50	-292	0	0	-495	0	1	1,716	3,986
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,463	0	0	0	0	0	0	0	7,463	0
Miscellaneous Products	146	2,486	0	-49	0	0	-991	0	19	1,573	1,635
Total	**165,020**	**198,834**	**67,410**	**5,512**	**-28,127**	**-52**	**-100,797**	**191,731**	**7,976**	**108,094**	**698,273**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, January 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,161**	**0**	**1,833**	**-910**	**-5,724**	**-8**	**0**	**13,352**	**0**	**0**	**17,723**
Natural Gas Plant Liquids and LRGs	**2,112**	**183**	**878**	**-141**	**0**	**0**	**-187**	**589**	**0**	**2,256**	**1,159**
Liquefied Petroleum Gases	769	183	541	-138	0	0	224	437	0	1,141	881
Ethane	1	0	(s)	(s)	0	0	0	0	0	1	(s)
Other Products[3]	1,342	0	337	-2	0	0	-411	152	0	1,113	279
Other Liquids	**86**	**0**	**0**	**-244**	**0**	**0**	**0**	**-992**	**0**	**834**	**5,361**
Other Hydrocarbons and Alcohol	86	0	0	0	0	0	0	86	0	0	0
Unfinished Oils	0	0	0	183	0	0	0	-585	0	768	2,586
Motor Gasoline Blending Components	0	0	0	-427	0	0	0	-493	0	66	2,775
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**29**	**13,071**	**1**	**-1,207**	**0**	**8**	**839**	**0**	**5**	**12,735**	**15,060**
Finished Motor Gasoline	9	6,503	0	-667	0	0	531	0	0	6,376	6,902
Finished Leaded Motor Gasoline	4	4,327	0	-424	0	0	211	0	0	4,118	4,885
Finished Unleaded Motor Gasoline	5	2,167	0	-240	0	0	320	0	0	2,252	2,004
Gasohol	0	9	0	-3	0	0	0	0	0	6	13
Finished Aviation Gasoline	0	32	0	-5	0	0	19	0	0	46	57
Naphtha-Type Jet Fuel	0	352	0	4	0	0	-82	0	0	274	367
Kerosene-Type Jet Fuel	0	485	0	-114	0	0	549	0	0	920	659
Kerosene	0	93	0	-5	0	0	0	0	0	88	109
Distillate Fuel Oil	0	3,349	0	11	0	0	-178	0	0	3,182	3,422
Residual Fuel Oil	0	645	0	61	0	8	0	0	0	714	780
Naphtha and Other Oils for Petro. Feed.	0	14	0	1	0	0	0	0	(s)	15	2
Special Naphthas	0	29	0	7	0	0	0	0	0	36	6
Lubricants	0	11	(s)	14	0	0	0	0	3	22	74
Waxes	0	0	1	2	0	0	0	0	(s)	3	2
Petroleum Coke	0	334	0	-20	0	0	0	0	1	313	535
Asphalt	0	620	0	-496	0	0	0	0	1	123	2,137
Road Oil	0	0	0	0	0	0	0	0	0	0	7
Still Gas	0	581	0	0	0	0	0	0	0	581	0
Miscellaneous Products	20	23	0	(s)	0	0	0	0	(s)	42	1
Total	**20,388**	**13,254**	**2,712**	**-2,502**	**-5,724**	**0**	**652**	**12,949**	**5**	**15,825**	**39,304**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note. Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,783**	**0**	**923**	**-577**	**-5,712**	**-6**	**0**	**11,411**	**0**	**0**	**18,300**
Natural Gas Plant Liquids and LRGs	**2,094**	**121**	**718**	**-181**	**0**	**0**	**-180**	**522**	**0**	**2,049**	**1,341**
Liquefied Petroleum Gases	663	121	451	-130	0	0	179	433	0	852	1,010
Ethane	12	0	0	(s)	0	0	0	0	0	12	1
Other Products[3]	1,418	0	266	-51	0	0	-359	89	0	1,185	330
Other Liquids	**50**	**0**	**0**	**4**	**0**	**0**	**0**	**-516**	**0**	**570**	**5,357**
Other Hydrocarbons and Alcohol	50	0	0	0	0	0	0	50	0	0	0
Unfinished Oils	0	0	0	243	0	0	0	-399	0	642	2,343
Motor Gasoline Blending Components	0	0	0	-239	0	0	0	-167	0	-72	3,014
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**25**	**11,519**	**1**	**-546**	**0**	**6**	**344**	**0**	**2**	**11,346**	**15,607**
Finished Motor Gasoline	7	5,934	0	-383	0	0	155	0	0	5,713	7,286
Finished Leaded Motor Gasoline	5	4,090	0	-276	0	0	-40	0	0	3,779	5,161
Finished Unleaded Motor Gasoline	3	1,843	0	-113	0	0	195	0	0	1,928	2,116
Gasohol	0	1	0	5	0	0	0	0	0	6	8
Finished Aviation Gasoline	0	35	0	-4	0	0	8	0	0	39	61
Naphtha-Type Jet Fuel	0	332	0	-13	0	0	-108	0	0	211	380
Kerosene-Type Jet Fuel	0	462	0	66	0	0	444	0	0	972	593
Kerosene	0	40	0	13	0	0	0	0	0	53	96
Distillate Fuel Oil	0	2,883	0	110	0	0	-155	0	0	2,838	3,312
Residual Fuel Oil	0	458	0	114	0	6	0	0	0	578	666
Naphtha and Other Oils for Petro. Feed.	0	8	0	1	0	0	0	0	0	9	1
Special Naphthas	0	22	0	-2	0	0	0	0	0	20	8
Lubricants	0	26	1	0	0	0	0	0	1	26	74
Waxes	0	6	0	1	0	0	0	0	(s)	7	1
Petroleum Coke	0	300	0	9	0	0	0	0	1	308	526
Asphalt	0	469	0	-458	0	0	0	0	(s)	11	2,595
Road Oil	0	0	0	0	0	0	0	0	0	0	7
Still Gas	0	523	0	0	0	0	0	0	0	523	0
Miscellaneous Products	18	21	0	(s)	0	0	0	0	(s)	39	1
Total	**18,951**	**11,640**	**1,641**	**-1,300**	**-5,712**	**0**	**164**	**11,417**	**2**	**13,965**	**40,604**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, March 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,358**	**0**	**764**	**-135**	**-6,864**	**-8**	**0**	**12,115**	**0**	**0**	**18,435**
Natural Gas Plant Liquids and LRGs	**2,355**	**103**	**622**	**-100**	**0**	**0**	**-243**	**436**	**0**	**2,301**	**1,441**
Liquefied Petroleum Gases	762	103	420	-58	0	0	176	385	0	1,018	1,068
Ethane	11	0	0	(s)	0	0	0	0	0	12	(s)
Other Products[3]	1,581	0	202	-42	0	0	-419	51	0	1,271	372
Other Liquids	**54**	**0**	**0**	**-531**	**0**	**0**	**0**	**-1,085**	**0**	**608**	**5,888**
Other Hydrocarbons and Alcohol	54	0	0	0	0	0	0	54	0	0	0
Unfinished Oils	0	0	0	-313	0	0	0	-863	0	550	2,656
Motor Gasoline Blending Components	0	0	0	-218	0	0	0	-276	0	58	3,232
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**26**	**11,810**	**12**	**108**	**0**	**8**	**1,021**	**0**	**3**	**12,982**	**15,499**
Finished Motor Gasoline	3	5,783	12	281	0	0	634	0	0	6,713	7,004
Finished Leaded Motor Gasoline	3	3,947	0	195	0	0	202	0	0	4,347	4,966
Finished Unleaded Motor Gasoline	(s)	1,834	12	86	0	0	427	0	0	2,359	2,030
Gasohol	0	2	0	0	0	0	5	0	0	7	8
Finished Aviation Gasoline	0	28	0	10	0	0	25	0	0	63	51
Naphtha-Type Jet Fuel	0	391	0	28	0	0	-72	0	0	347	352
Kerosene-Type Jet Fuel	0	546	0	-143	0	0	496	0	0	899	736
Kerosene	0	21	0	-9	0	0	0	0	0	12	105
Distillate Fuel Oil	0	3,183	0	18	0	0	-62	0	0	3,139	3,294
Residual Fuel Oil	0	504	0	93	0	8	0	0	0	605	573
Naphtha and Other Oils for Petro. Feed.	0	8	0	1	0	0	0	0	1	8	0
Special Naphthas	0	25	(s)	-5	0	0	0	0	(s)	20	13
Lubricants	0	33	1	-6	0	0	0	0	1	26	80
Waxes	0	12	0	-1	0	0	0	0	(s)	11	2
Petroleum Coke	0	298	0	22	0	0	0	0	0	320	504
Asphalt	0	490	0	-180	0	0	0	0	(s)	310	2,775
Road Oil	0	3	0	-1	0	0	0	0	0	2	8
Still Gas	0	465	0	0	0	0	0	0	0	465	0
Miscellaneous Products	23	20	0	(s)	0	0	0	0	(s)	42	1
Total	**20,793**	**11,913**	**1,399**	**-658**	**-6,864**	**0**	**778**	**11,466**	**3**	**15,891**	**41,262**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, April 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,870**	**0**	**699**	**353**	**-7,925**	**-9**	**0**	**10,988**	**0**	**0**	**18,082**
Natural Gas Plant Liquids and LRGs	**2,216**	**121**	**533**	**271**	**0**	**0**	**-349**	**406**	**0**	**2,386**	**1,170**
Liquefied Petroleum Gases	682	121	284	215	0	0	80	235	0	1,147	853
Ethane	13	0	0	(s)	0	0	0	0	0	13	(s)
Other Products[3]	1,521	0	249	56	0	0	-429	171	0	1,226	316
Other Liquids	**20**	**0**	**0**	**-35**	**0**	**0**	**0**	**-380**	**0**	**365**	**5,923**
Other Hydrocarbons and Alcohol	20	0	0	0	0	0	0	20	0	0	0
Unfinished Oils	0	0	0	-447	0	0	0	-820	0	373	3,103
Motor Gasoline Blending Components	0	0	0	412	0	0	0	420	0	-8	2,820
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**22**	**11,080**	**8**	**930**	**0**	**9**	**1,094**	**0**	**4**	**13,140**	**14,568**
Finished Motor Gasoline	4	5,695	8	439	0	0	627	0	0	6,774	6,565
Finished Leaded Motor Gasoline	3	3,692	0	456	0	0	289	0	0	4,441	4,510
Finished Unleaded Motor Gasoline	1	2,000	8	-17	0	0	330	0	0	2,322	2,047
Gasohol	0	3	0	0	0	0	8	0	0	11	8
Finished Aviation Gasoline	0	23	0	5	0	0	11	0	0	39	46
Naphtha-Type Jet Fuel	0	303	0	83	0	0	-68	0	0	318	269
Kerosene-Type Jet Fuel	0	423	0	-2	0	0	493	0	0	914	738
Kerosene	0	11	0	1	0	0	0	0	0	12	104
Distillate Fuel Oil	0	2,923	0	360	0	0	31	0	0	3,314	2,934
Residual Fuel Oil	0	389	0	52	0	9	0	0	0	450	521
Naphtha and Other Oils for Petro. Feed.	0	12	0	0	0	0	0	0	1	11	0
Special Naphthas	0	25	0	3	0	0	0	0	0	28	10
Lubricants	0	24	(s)	9	0	0	0	0	2	31	71
Waxes	0	10	0	1	0	0	0	0	0	11	1
Petroleum Coke	0	280	0	-12	0	0	0	0	0	268	516
Asphalt	0	508	0	-11	0	0	0	0	(s)	497	2,786
Road Oil	0	7	0	2	0	0	0	0	0	9	6
Still Gas	0	434	0	0	0	0	0	0	0	434	0
Miscellaneous Products	18	13	0	(s)	0	0	0	0	(s)	31	1
Total	**20,128**	**11,201**	**1,240**	**1,519**	**-7,925**	**0**	**745**	**11,014**	**4**	**15,891**	**39,743**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,363**	**0**	**307**	**649**	**-6,830**	**-9**	**0**	**12,480**	**0**	**0**	**17,433**
Natural Gas Plant Liquids and LRGs	**2,229**	**10**	**474**	**-9**	**0**	**0**	**-364**	**387**	**0**	**1,953**	**1,179**
Liquefied Petroleum Gases	643	10	247	35	0	0	89	261	0	763	818
Ethane	12	0	0	(s)	0	0	0	0	0	12	(s)
Other Products[3]	1,575	0	227	-45	0	0	-453	126	0	1,178	361
Other Liquids	**33**	**0**	**0**	**-40**	**0**	**0**	**0**	**-533**	**0**	**526**	**5,963**
Other Hydrocarbons and Alcohol	33	0	0	0	0	0	0	33	0	0	0
Unfinished Oils	0	0	0	-150	0	0	0	-591	0	441	3,253
Motor Gasoline Blending Components	0	0	0	110	0	0	0	25	0	85	2,710
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**21**	**12,497**	**17**	**-58**	**0**	**9**	**576**	**0**	**2**	**13,060**	**14,626**
Finished Motor Gasoline	3	6,007	16	711	0	0	265	0	0	7,003	5,854
Finished Leaded Motor Gasoline	3	3,972	0	542	0	0	80	0	0	4,597	3,968
Finished Unleaded Motor Gasoline	1	2,032	16	167	0	0	185	0	0	2,402	1,880
Gasohol	0	3	0	1	0	0	0	0	0	4	7
Finished Aviation Gasoline	0	36	0	-11	0	0	24	0	0	49	57
Naphtha-Type Jet Fuel	0	306	0	25	0	0	-59	0	0	272	244
Kerosene-Type Jet Fuel	0	486	0	-41	0	0	354	0	0	799	779
Kerosene	0	8	0	8	0	0	0	0	0	16	96
Distillate Fuel Oil	0	3,512	(s)	-306	0	0	-8	0	0	3,198	3,240
Residual Fuel Oil	0	362	0	-47	0	9	0	0	0	324	568
Naphtha and Other Oils for Petro. Feed.	0	1	0	0	0	0	0	0	(s)	1	0
Special Naphthas	0	5	0	1	0	0	0	0	(s)	6	9
Lubricants	0	42	(s)	-11	0	0	0	0	1	30	82
Waxes	0	13	0	-4	0	0	0	0	(s)	9	5
Petroleum Coke	0	249	0	-7	0	0	0	0	0	242	523
Asphalt	0	933	0	-375	0	0	0	0	(s)	558	3,161
Road Oil	0	12	0	0	0	0	0	0	0	12	6
Still Gas	0	511	0	0	0	0	0	0	0	511	0
Miscellaneous Products	17	14	0	-1	0	0	0	0	(s)	30	2
Total	**20,646**	**12,507**	**797**	**541**	**-6,830**	**0**	**212**	**12,334**	**2**	**15,538**	**39,202**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,906**	**0**	**352**	**227**	**-5,035**	**-8**	**0**	**13,442**	**0**	**0**	**17,206**
Natural Gas Plant Liquids and LRGs	**2,154**	**135**	**386**	**50**	**0**	**0**	**-382**	**376**	**0**	**1,967**	**1,129**
Liquefied Petroleum Gases	588	135	301	24	0	0	57	307	0	798	794
Ethane	12	0	0	(s)	0	0	0	0	0	12	(s)
Other Products[3]	1,554	0	85	26	0	0	-439	69	0	1,157	335
Other Liquids	**76**	**0**	**0**	**589**	**0**	**0**	**0**	**133**	**0**	**532**	**5,374**
Other Hydrocarbons and Alcohol	76	0	0	0	0	0	0	76	0	0	0
Unfinished Oils	0	0	0	86	0	0	0	-429	0	515	3,167
Motor Gasoline Blending Components	0	0	0	503	0	0	0	486	0	17	2,207
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**18**	**14,111**	**13**	**476**	**0**	**8**	**558**	**0**	**2**	**15,182**	**14,150**
Finished Motor Gasoline	5	7,021	13	622	0	0	275	0	0	7,935	5,233
Finished Leaded Motor Gasoline	3	4,599	0	517	0	0	63	0	0	5,182	3,451
Finished Unleaded Motor Gasoline	2	2,419	13	104	0	0	207	0	0	2,744	1,776
Gasohol	0	3	0	1	0	0	5	0	0	9	6
Finished Aviation Gasoline	0	42	0	13	0	0	29	0	0	84	44
Naphtha-Type Jet Fuel	0	461	0	-62	0	0	-95	0	0	304	306
Kerosene-Type Jet Fuel	0	607	0	-35	0	0	493	0	0	1,065	814
Kerosene	0	13	0	-2	0	0	0	0	0	11	98
Distillate Fuel Oil	0	3,697	(s)	-189	0	0	-144	0	0	3,364	3,429
Residual Fuel Oil	0	424	0	-20	0	8	0	0	0	412	588
Naphtha and Other Oils for Petro. Feed.	0	3	0	0	0	0	0	0	(s)	3	0
Special Naphthas	0	10	0	1	0	0	0	0	(s)	11	8
Lubricants	0	35	(s)	-2	0	0	0	0	1	32	84
Waxes	0	4	0	4	0	0	0	0	(s)	8	1
Petroleum Coke	0	305	0	1	0	0	0	0	(s)	306	522
Asphalt	0	877	0	145	0	0	0	0	(s)	1,022	3,016
Road Oil	0	14	0	0	0	0	0	0	0	14	6
Still Gas	0	577	0	0	0	0	0	0	0	577	0
Miscellaneous Products	13	21	0	(s)	0	0	0	0	(s)	34	1
Total	**20,153**	**14,246**	**752**	**1,342**	**-5,035**	**0**	**176**	**13,951**	**2**	**17,681**	**37,859**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, July 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,363**	**0**	**915**	**875**	**-6,061**	**-27**	**0**	**14,065**	**0**	**0**	**16,331**
Natural Gas Plant Liquids and LRGs	**2,268**	**119**	**475**	**-88**	**0**	**0**	**-375**	**375**	**0**	**2,025**	**1,217**
Liquefied Petroleum Gases	633	119	297	-82	0	0	78	301	0	744	876
Ethane	9	0	0	(s)	0	0	0	0	0	9	(s)
Other Products[3]	1,626	0	178	-5	0	0	-453	74	0	1,272	341
Other Liquids	**80**	**0**	**0**	**550**	**0**	**0**	**0**	**60**	**0**	**570**	**4,824**
Other Hydrocarbons and Alcohol	80	0	0	0	0	0	0	80	0	0	0
Unfinished Oils	0	0	0	131	0	0	0	-467	0	598	3,036
Motor Gasoline Blending Components	0	0	0	419	0	0	0	447	0	-28	1,788
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**19**	**14,729**	**1**	**301**	**0**	**6**	**535**	**0**	**2**	**15,588**	**13,849**
Finished Motor Gasoline	5	7,511	0	510	0	0	244	0	0	8,270	4,722
Finished Leaded Motor Gasoline	3	4,987	0	327	0	0	74	0	0	5,391	3,124
Finished Unleaded Motor Gasoline	2	2,521	0	183	0	0	170	0	0	2,876	1,593
Gasohol	0	3	0	1	0	0	0	0	0	4	5
Finished Aviation Gasoline	0	52	0	-7	0	0	24	0	0	69	51
Naphtha-Type Jet Fuel	0	432	0	-44	0	0	-77	0	0	311	350
Kerosene-Type Jet Fuel	0	607	0	-250	0	0	509	0	0	866	1,064
Kerosene	0	14	0	5	0	0	0	0	0	19	93
Distillate Fuel Oil	0	3,736	(s)	-221	0	0	-165	0	0	3,350	3,650
Residual Fuel Oil	0	370	0	52	0	6	0	0	0	428	536
Naphtha and Other Oils for Petro. Feed	0	8	0	0	0	0	0	0	1	7	0
Special Naphthas	0	5	0	0	0	0	0	0	0	5	8
Lubricants	0	26	(s)	1	0	0	0	0	1	27	83
Waxes	0	14	0	-2	0	0	0	0	(s)	12	3
Petroleum Coke	0	313	0	-5	0	0	0	0	0	308	527
Asphalt	0	1,004	0	264	0	0	0	0	(s)	1,268	2,752
Road Oil	0	25	0	-1	0	0	0	0	0	24	7
Still Gas	0	590	0	0	0	0	0	0	0	590	0
Miscellaneous Products	14	22	0	-1	0	0	0	0	(s)	35	3
Total	**20,730**	**14,848**	**1,390**	**1,638**	**-6,061**	**-21**	**160**	**14,500**	**2**	**18,183**	**36,221**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,364**	**0**	**793**	**551**	**-5,530**	**-5**	**0**	**14,173**	**0**	**0**	**15,780**
Natural Gas Plant Liquids and LRGs	**2,350**	**100**	**535**	**-70**	**0**	**0**	**-344**	**459**	**0**	**2,113**	**1,286**
Liquefied Petroleum Gases	663	100	372	-76	0	0	66	297	0	829	952
Ethane	27	0	0	-3	0	0	0	0	0	24	3
Other Products[3]	1,660	0	163	9	0	0	-410	162	0	1,260	332
Other Liquids	**58**	**0**	**0**	**155**	**0**	**0**	**0**	**-230**	**0**	**443**	**4,669**
Other Hydrocarbons and Alcohol	58	0	0	0	0	0	0	58	0	0	0
Unfinished Oils	0	0	0	18	0	0	0	-525	0	543	3,018
Motor Gasoline Blending Components	0	0	0	137	0	0	0	237	0	-100	1,651
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**21**	**14,510**	**39**	**1,061**	**0**	**5**	**414**	**0**	**2**	**16,047**	**12,789**
Finished Motor Gasoline	5	7,466	38	410	0	0	271	0	0	8,190	4,312
Finished Leaded Motor Gasoline	3	4,964	0	261	0	0	107	0	0	5,334	2,864
Finished Unleaded Motor Gasoline	2	2,502	38	147	0	0	156	0	0	2,846	1,446
Gasohol	0	0	0	2	0	0	8	0	0	10	3
Finished Aviation Gasoline	0	33	0	15	0	0	20	0	0	68	36
Naphtha-Type Jet Fuel	0	410	0	-39	0	0	-113	0	0	258	389
Kerosene-Type Jet Fuel	0	551	0	282	0	0	378	0	0	1,211	782
Kerosene	0	33	0	-17	0	0	0	0	0	16	110
Distillate Fuel Oil	0	3,742	(s)	-107	0	0	-142	0	0	3,493	3,757
Residual Fuel Oil	0	433	0	-29	0	5	0	0	0	409	565
Naphtha and Other Oils for Petro. Feed.	0	1	0	0	0	0	0	0	(s)	1	0
Special Naphthas	0	6	0	-3	0	0	0	0	(s)	3	11
Lubricants	0	43	1	-14	0	0	0	0	1	29	97
Waxes	0	17	0	-2	0	0	0	0	0	15	5
Petroleum Coke	0	311	0	-12	0	0	0	0	0	299	539
Asphalt	0	824	0	576	0	0	0	0	(s)	1,400	2,176
Road Oil	0	34	0	0	0	0	0	0	0	34	7
Still Gas	0	583	0	0	0	0	0	0	0	583	0
Miscellaneous Products	16	23	0	1	0	0	0	0	(s)	39	2
Total	**20,793**	**14,610**	**1,368**	**1,697**	**-5,530**	**0**	**70**	**14,402**	**2**	**18,604**	**34,524**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, September 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,868**	**0**	**1,025**	**48**	**-5,716**	**-4**	**0**	**13,221**	**0**	**0**	**15,732**
Natural Gas Plant Liquids and LRGs	**2,188**	**109**	**524**	**-18**	**0**	**0**	**-253**	**482**	(s)	**2,069**	**1,304**
Liquefied Petroleum Gases	662	109	385	-39	0	0	122	349	(s)	890	991
Ethane	12	0	0	2	0	0	0	0	0	14	1
Other Products[3]	1,514	0	139	19	0	0	-375	133	0	1,164	312
Other Liquids	**81**	**0**	**0**	**-583**	**0**	**0**	**0**	**-956**	**0**	**454**	**5,252**
Other Hydrocarbons and Alcohol	81	0	0	0	0	0	0	81	0	0	0
Unfinished Oils	0	0	0	-474	0	0	0	-959	0	485	3,492
Motor Gasoline Blending Components	0	0	0	-109	0	0	0	-78	0	-31	1,760
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**21**	**12,820**	**45**	**796**	**0**	**4**	**897**	**0**	**2**	**14,581**	**11,992**
Finished Motor Gasoline	4	6,521	44	220	0	0	563	0	0	7,353	4,092
Finished Leaded Motor Gasoline	2	4,404	0	141	0	0	269	0	0	4,816	2,723
Finished Unleaded Motor Gasoline	2	2,117	44	86	0	0	286	0	0	2,536	1,359
Gasohol	0	0	0	-7	0	0	8	0	0	1	10
Finished Aviation Gasoline	0	46	0	1	0	0	31	0	0	78	35
Naphtha-Type Jet Fuel	0	349	0	68	0	0	-69	0	0	348	321
Kerosene-Type Jet Fuel	0	544	0	19	0	0	326	0	0	889	763
Kerosene	0	24	0	16	0	0	0	0	0	40	94
Distillate Fuel Oil	0	3,321	(s)	135	0	0	46	0	0	3,502	3,622
Residual Fuel Oil	0	449	0	-95	0	4	0	0	0	358	660
Naphtha and Other Oils for Petro. Feed	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	0	4	0	1	0	0	0	0	0	5	10
Lubricants	0	44	1	-17	0	0	0	0	1	26	114
Waxes	0	16	0	0	0	0	0	0	0	16	5
Petroleum Coke	0	305	0	1	0	0	0	0	0	306	538
Asphalt	0	716	0	445	0	0	0	0	(s)	1,161	1,731
Road Oil	0	32	0	2	0	0	0	0	0	34	5
Still Gas	0	431	0	0	0	0	0	0	0	431	0
Miscellaneous Products	17	18	0	(s)	0	0	0	0	0	35	2
Total	**20,158**	**12,929**	**1,595**	**244**	**-5,716**	**0**	**644**	**12,747**	**2**	**17,104**	**34,280**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, October 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,740**	**0**	**783**	**-666**	**-6,735**	**-9**	**0**	**12,113**	**0**	**0**	**16,398**
Natural Gas Plant Liquids and LRGs	**2,319**	**83**	**729**	**-102**	**0**	**0**	**-152**	**591**	**3**	**2,283**	**1,406**
Liquefied Petroleum Gases	787	83	563	-100	0	0	166	421	3	1,076	1,091
Ethane	16	0	0	(s)	0	0	0	0	0	16	(s)
Other Products[3]	1,516	0	166	-3	0	0	-318	170	0	1,191	315
Other Liquids	**128**	**0**	**0**	**633**	**0**	**0**	**0**	**373**	**0**	**388**	**4,619**
Other Hydrocarbons and Alcohol	128	0	0	-1	0	0	0	127	0	0	1
Unfinished Oils	0	0	0	635	0	0	0	190	0	445	2,857
Motor Gasoline Blending Components	0	0	0	-1	0	0	0	56	0	-57	1,761
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**24**	**13,315**	**63**	**143**	**0**	**9**	**1,092**	**0**	**4**	**14,642**	**11,850**
Finished Motor Gasoline	4	7,219	61	-464	0	0	643	0	0	7,462	4,557
Finished Leaded Motor Gasoline	2	4,861	0	-254	0	0	217	0	0	4,826	2,977
Finished Unleaded Motor Gasoline	1	2,357	61	-218	0	0	426	0	0	2,627	1,578
Gasohol	0	1	0	8	0	0	0	0	0	9	2
Finished Aviation Gasoline	0	39	0	-21	0	0	31	0	0	49	56
Naphtha-Type Jet Fuel	0	266	0	40	0	0	-12	0	0	294	281
Kerosene-Type Jet Fuel	0	387	0	98	0	0	433	0	1	917	665
Kerosene	0	31	0	20	0	0	0	0	0	51	74
Distillate Fuel Oil	0	3,365	1	314	0	0	-3	0	0	3,677	3,308
Residual Fuel Oil	0	536	0	-79	0	9	0	0	0	466	739
Naphtha and Other Oils for Petro. Feed.	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	2	4	0	2	0	0	0	0	0	8	8
Lubricants	0	19	(s)	9	0	0	0	0	1	27	105
Waxes	0	12	2	4	0	0	0	0	0	18	1
Petroleum Coke	0	333	0	-7	0	0	0	0	(s)	326	545
Asphalt	0	593	0	227	0	0	0	0	1	819	1,504
Road Oil	0	4	0	1	0	0	0	0	0	5	4
Still Gas	0	489	0	0	0	0	0	0	0	489	0
Miscellaneous Products	18	18	0	-1	0	0	0	0	(s)	35	3
Total	**21,210**	**13,398**	**1,575**	**7**	**-6,735**	**0**	**940**	**13,077**	**6**	**17,313**	**34,273**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, November 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	E **18,093**	**0**	**999**	**1,140**	**-6,318**	**-11**	**0**	**13,903**	**0**	**0**	**15,258**
Natural Gas Plant Liquids and LRGs	**2,207**	**65**	**761**	**-78**	**0**	**0**	**-175**	**630**	**0**	**2,150**	**1,484**
Liquefied Petroleum Gases	787	65	626	-118	0	0	175	460	0	1,076	1,209
Ethane	23	0	0	(s)	0	0	0	5	0	18	(s)
Other Products[3]	1,397	0	135	40	0	0	-350	165	0	1,056	275
Other Liquids	**75**	**0**	**0**	**-576**	**0**	**0**	**0**	**-747**	**0**	**246**	**5,195**
Other Hydrocarbons and Alcohol	75	0	0	0	0	0	0	75	0	0	1
Unfinished Oils	0	0	0	-22	0	0	0	-380	0	358	2,879
Motor Gasoline Blending Components	0	0	0	-554	0	0	0	-442	0	-112	2,315
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**29**	**13,877**	**89**	**-1,295**	**0**	**11**	**652**	**0**	**2**	**13,361**	**13,144**
Finished Motor Gasoline	5	7,077	88	-860	0	0	216	0	0	6,526	5,417
Finished Leaded Motor Gasoline	3	4,830	0	-639	0	0	-9	0	0	4,185	3,616
Finished Unleaded Motor Gasoline	2	2,247	88	-221	0	0	217	0	0	2,333	1,799
Gasohol	0	0	0	0	0	0	8	0	0	8	2
Finished Aviation Gasoline	0	31	0	-8	0	0	21	0	0	44	64
Naphtha-Type Jet Fuel	0	459	0	-38	0	0	-75	0	0	346	319
Kerosene-Type Jet Fuel	0	502	0	52	0	0	590	0	0	1,144	613
Kerosene	0	81	0	-20	0	0	0	0	0	61	94
Distillate Fuel Oil	0	3,622	(s)	-289	0	0	-100	0	0	3,233	3,597
Residual Fuel Oil	0	469	0	9	0	11	0	0	1	488	730
Naphtha and Other Oils for Petro Feed	0	0	0	0	0	0	0	0	(s)	(s)	0
Special Naphthas	2	4	0	1	0	0	0	0	0	7	7
Lubricants	0	18	1	5	0	0	0	0	1	23	100
Waxes	0	18	0	-5	0	0	0	0	0	13	6
Petroleum Coke	0	347	0	-23	0	0	0	0	0	324	568
Asphalt	0	650	0	-120	0	0	0	0	(s)	530	1,624
Road Oil	0	2	0	1	0	0	0	0	0	3	3
Still Gas	0	575	0	0	0	0	0	0	0	575	0
Miscellaneous Products	22	22	0	(s)	0	0	0	0	(s)	44	3
Total	20,404	13,942	1,849	-809	-6,318	0	477	13,786	2	15,757	35,082

[1] Unaccounted for crude oil is a balancing item

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate

(s) Less than 500 barrels

E Estimated

Note Total may not equal sum of components due to independent rounding

Sources and estimation procedures See Explanatory Notes on Data Collection and Estimation

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**18,670**	**0**	**1,119**	**1,013**	**-6,825**	**-11**	**0**	**13,966**	**0**	**0**	**14,245**
Natural Gas Plant Liquids and LRGs	**2,252**	**149**	**916**	**83**	**0**	**0**	**-133**	**745**	**0**	**2,522**	**1,402**
Liquefied Petroleum Gases	774	149	752	107	0	0	191	623	0	1,349	1,102
Ethane	15	0	0	(s)	0	0	0	5	0	10	(s)
Other Products[3]	1,464	0	165	-24	0	0	-324	117	0	1,163	300
Other Liquids	**52**	**0**	**0**	**-582**	**0**	**0**	**0**	**-949**	**0**	**419**	**5,777**
Other Hydrocarbons and Alcohol	52	0	0	0	0	0	0	52	0	0	1
Unfinished Oils	0	0	0	-261	0	0	0	-791	0	530	3,140
Motor Gasoline Blending Components	0	0	0	-321	0	0	0	-210	0	-111	2,636
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**25**	**13,922**	**36**	**-994**	**0**	**11**	**704**	**0**	**2**	**13,702**	**14,139**
Finished Motor Gasoline	4	7,255	35	-426	0	0	444	0	0	7,311	5,843
Finished Leaded Motor Gasoline	2	4,772	0	-407	0	0	168	0	0	4,535	4,023
Finished Unleaded Motor Gasoline	2	2,483	35	-19	0	0	272	0	0	2,772	1,818
Gasohol	0	0	0	0	0	0	4	0	0	4	2
Finished Aviation Gasoline	0	20	0	8	0	0	10	0	0	38	56
Naphtha-Type Jet Fuel	0	332	0	60	0	0	-95	0	0	297	259
Kerosene-Type Jet Fuel	0	415	0	42	0	0	577	0	0	1,034	571
Kerosene	0	120	0	-17	0	0	0	0	0	103	111
Distillate Fuel Oil	0	3,677	(s)	-274	0	0	-232	0	0	3,171	3,871
Residual Fuel Oil	0	501	0	68	0	11	0	0	0	580	662
Naphtha and Other Oils for Petro. Feed.	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	0	6	0	-3	0	0	0	0	0	3	10
Lubricants	0	29	1	-1	0	0	0	0	1	28	101
Waxes	0	24	0	5	0	0	0	0	(s)	29	1
Petroleum Coke	0	358	0	-12	0	0	0	0	0	346	580
Asphalt	0	646	0	-445	0	0	0	0	(s)	201	2,069
Road Oil	0	1	0	1	0	0	0	0	0	2	2
Still Gas	0	519	0	0	0	0	0	0	0	519	0
Miscellaneous Products	21	19	0	(s)	0	0	0	0	0	41	2
Total	**20,999**	**14,071**	**2,071**	**-481**	**-6,825**	**0**	**571**	**13,762**	**2**	**16,643**	**35,562**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, January 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**81,057**	**0**	**11,315**	**79**	**-4,538**	**-1,374**	**-10,342**	**68,818**	**7,379**	**0**	**84,801**
Natural Gas Plant Liquids and LRGs	**537**	**1,029**	**414**	**438**	**0**	**0**	**0**	**1,202**	**229**	**987**	**1,836**
Liquefied Petroleum Gases	259	1,014	378	444	0	0	0	882	229	983	1,796
Ethane	0	15	0	0	0	0	0	0	0	15	0
Other Products[3]	278	0	36	-6	0	0	0	320	0	-12	41
Other Liquids	**372**	**0**	**299**	**1,345**	**0**	**0**	**-87**	**1,989**	**0**	**-60**	**36,970**
Other Hydrocarbons and Alcohol	372	0	0	2	0	0	0	374	0	0	2
Unfinished Oils	0	0	113	352	0	0	-87	456	0	-78	28,329
Motor Gasoline Blending Components	0	0	185	979	0	0	0	1,158	0	6	8,591
Aviation Gasoline Blending Components	0	0	0	12	0	0	0	1	0	11	48
Finished Petroleum Products	**0**	**75,578**	**974**	**-521**	**0**	**1,314**	**1,164**	**0**	**3,123**	**75,386**	**62,992**
Finished Motor Gasoline	0	30,944	279	-1,429	0	0	1,012	0	11	30,795	22,935
Finished Leaded Motor Gasoline	0	14,526	16	-215	0	0	720	0	11	15,036	11,431
Finished Unleaded Motor Gasoline	0	16,397	263	-1,214	0	0	292	0	0	15,738	11,504
Gasohol	0	21	0	0	0	0	0	0	0	21	0
Finished Aviation Gasoline	0	183	0	-53	0	0	0	0	0	130	565
Naphtha-Type Jet Fuel	0	1,335	0	114	0	0	165	0	0	1,614	1,415
Kerosene-Type Jet Fuel	0	6,755	95	-140	0	0	112	0	28	6,794	7,079
Kerosene	0	207	0	38	0	0	0	0	(s)	245	174
Distillate Fuel Oil	0	10,549	116	805	0	340	-75	0	(s)	11,735	12,426
Residual Fuel Oil	0	16,079	421	1,220	0	974	0	0	1,276	17,418	11,384
Naphtha and Other Oils for Petro. Feed.	0	427	7	-38	0	0	0	0	38	359	452
Special Naphthas	0	329	16	134	0	0	0	0	1	478	379
Lubricants	0	531	37	22	0	0	-9	0	59	521	1,355
Waxes	0	86	2	9	0	0	0	0	6	91	20
Petroleum Coke	0	3,673	0	-966	0	0	0	0	1,694	1,013	2,148
Asphalt	0	1,512	0	-257	0	0	0	0	6	1,249	2,340
Road Oil	0	26	0	-10	0	0	0	0	0	16	40
Still Gas	0	2,745	0	0	0	0	0	0	0	2,745	0
Miscellaneous Products	0	197	(s)	30	0	0	-41	0	4	182	280
Total	**81,966**	**76,607**	**13,001**	**1,341**	**-4,538**	**-60**	**-9,265**	**72,009**	**10,731**	**76,312**	**186,599**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, February 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**73,681**	**0**	**10,427**	**2,323**	**-9,899**	**-1,536**	**-10,315**	**61,679**	**3,002**	**0**	**82,478**
Natural Gas Plant Liquids and LRGs	**525**	**1,078**	**561**	**194**	**0**	**0**	**0**	**1,074**	**100**	**1,184**	**1,642**
Liquefied Petroleum Gases	256	1,067	539	186	0	0	0	756	100	1,192	1,610
Ethane	0	11	0	0	0	0	0	0	0	11	0
Other Products[3]	269	0	22	8	0	0	0	318	0	-18	32
Other Liquids	**349**	**0**	**57**	**-1,876**	**0**	**0**	**160**	**-1,884**	**0**	**574**	**38,846**
Other Hydrocarbons and Alcohol	349	0	0	0	0	0	0	349	0	0	2
Unfinished Oils	0	0	50	-1,613	0	0	160	-1,693	0	290	29,942
Motor Gasoline Blending Components	0	0	7	-289	0	0	0	-566	0	284	8,880
Aviation Gasoline Blending Components	0	0	0	26	0	0	0	26	0	0	22
Finished Petroleum Products	**0**	**62,711**	**865**	**5,943**	**0**	**1,509**	**614**	**0**	**4,638**	**67,005**	**57,049**
Finished Motor Gasoline	0	25,147	325	2,324	0	0	1,332	0	19	29,110	20,611
Finished Leaded Motor Gasoline	0	12,504	93	747	0	0	837	0	19	14,163	10,684
Finished Unleaded Motor Gasoline	0	12,615	232	1,577	0	0	495	0	0	14,919	9,927
Gasohol	0	28	0	0	0	0	0	0	0	28	0
Finished Aviation Gasoline	0	166	0	-6	0	0	0	0	0	160	571
Naphtha-Type Jet Fuel	0	1,527	0	-64	0	0	244	0	(s)	1,707	1,479
Kerosene-Type Jet Fuel	0	5,796	29	572	0	0	112	0	21	6,488	6,507
Kerosene	0	193	0	21	0	0	0	0	2	212	153
Distillate Fuel Oil	0	8,552	125	1,363	0	293	172	0	465	10,040	11,063
Residual Fuel Oil	0	14,240	349	1,294	0	1,216	-1,455	0	2,158	13,486	10,090
Naphtha and Other Oils for Petro. Feed.	0	278	0	118	0	0	0	0	106	290	334
Special Naphthas	0	384	10	-33	0	0	0	0	1	360	412
Lubricants	0	436	0	24	0	0	197	0	53	604	1,331
Waxes	0	82	26	-1	0	0	0	0	12	95	21
Petroleum Coke	0	2,271	0	242	0	0	0	0	1,796	717	1,906
Asphalt	0	1,013	0	-22	0	0	37	0	1	1,027	2,362
Road Oil	0	2	0	4	0	0	0	0	0	6	36
Still Gas	0	2,431	0	0	0	0	0	0	0	2,431	0
Miscellaneous Products	0	193	(s)	107	0	0	-25	0	3	272	173
Total	**74,555**	**63,789**	**11,911**	**6,584**	**-9,899**	**-27**	**-9,541**	**60,869**	**7,740**	**68,763**	**180,015**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, March 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**81,629**	**0**	**6,716**	**-507**	**-395**	**-1,835**	**-11,265**	**68,135**	**6,208**	**0**	**82,985**
Natural Gas Plant Liquids and LRGs	**596**	**1,321**	**503**	**104**	**0**	**0**	**0**	**1,121**	**117**	**1,286**	**1,538**
Liquefied Petroleum Gases	284	1,306	473	114	0	0	0	748	117	1,312	1,496
Ethane	0	15	0	0	0	0	0	0	0	15	0
Other Products[3]	313	0	29	-10	0	0	0	373	0	-41	42
Other Liquids	**332**	**0**	**20**	**814**	**0**	**0**	**116**	**1,127**	**0**	**155**	**38,032**
Other Hydrocarbons and Alcohol	332	0	0	-2	0	0	0	330	0	0	4
Unfinished Oils	0	0	0	-1,002	0	0	116	-652	0	-234	30,944
Motor Gasoline Blending Components	0	0	20	1,822	0	0	0	1,453	0	389	7,058
Aviation Gasoline Blending Components	0	0	0	-4	0	0	0	-4	0	0	26
Finished Petroleum Products	**0**	**71,249**	**1,032**	**844**	**0**	**1,769**	**754**	**0**	**5,140**	**70,508**	**56,205**
Finished Motor Gasoline	0	29,594	688	732	0	0	1,005	0	13	32,006	19,879
Finished Leaded Motor Gasoline	0	13,563	582	883	0	0	717	0	13	15,731	9,801
Finished Unleaded Motor Gasoline	0	16,003	106	-151	0	0	288	0	0	16,246	10,078
Gasohol	0	28	0	0	0	0	0	0	0	28	0
Finished Aviation Gasoline	0	120	0	180	0	0	0	0	0	300	391
Naphtha-Type Jet Fuel	0	1,250	0	128	0	0	154	0	(s)	1,532	1,351
Kerosene-Type Jet Fuel	0	6,726	134	156	0	0	83	0	10	7,089	6,351
Kerosene	0	219	0	-50	0	0	0	0	(s)	169	203
Distillate Fuel Oil	0	9,525	42	-372	0	284	264	0	1	9,743	11,435
Residual Fuel Oil	0	14,677	132	375	0	1,485	-888	0	2,962	12,818	9,715
Naphtha and Other Oils for Petro. Feed.	0	223	22	84	0	0	0	0	154	175	250
Special Naphthas	0	345	14	-73	0	0	0	0	5	281	485
Lubricants	0	436	(s)	-71	0	0	161	0	65	461	1,402
Waxes	0	83	0	-2	0	0	0	0	7	74	23
Petroleum Coke	0	3,081	0	300	0	0	0	0	1,910	1,471	1,606
Asphalt	0	1,677	0	-484	0	0	0	0	10	1,183	2,846
Road Oil	0	10	0	-3	0	0	0	0	0	7	39
Still Gas	0	2,973	0	0	0	0	0	0	0	2,973	0
Miscellaneous Products	0	310	1	-56	0	0	-25	0	3	226	229
Total	82,557	72,570	8,271	1,255	-395	-66	-10,395	70,383	11,466	71,949	178,760

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, April 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**78,844**	**0**	**8,890**	**-4,775**	**-5,761**	**-1,782**	**-9,676**	**60,738**	**5,002**	**0**	**87,760**
Natural Gas Plant Liquids and LRGs	**660**	**951**	**441**	**126**	**0**	**0**	**0**	**871**	**107**	**1,200**	**1,412**
Liquefied Petroleum Gases	297	942	433	136	0	0	0	526	107	1,175	1,360
Ethane	0	9	0	0	0	0	0	0	0	9	0
Other Products[3]	363	0	7	-9	0	0	0	345	0	16	51
Other Liquids	**364**	**0**	**0**	**802**	**0**	**0**	**0**	**2,254**	**0**	**-1,088**	**37,230**
Other Hydrocarbons and Alcohol	364	0	0	0	0	0	0	364	0	0	4
Unfinished Oils	0	0	0	600	0	0	0	1,565	0	-965	30,344
Motor Gasoline Blending Components	0	0	0	211	0	0	0	334	0	-123	6,847
Aviation Gasoline Blending Components	0	0	0	-9	0	0	0	-9	0	0	35
Finished Petroleum Products	**0**	**64,818**	**1,439**	**4,583**	**0**	**1,749**	**2,108**	**0**	**5,268**	**69,429**	**51,622**
Finished Motor Gasoline	0	26,573	602	2,316	0	0	1,521	0	8	31,005	17,563
Finished Leaded Motor Gasoline	0	12,731	408	1,291	0	0	835	0	8	15,257	8,510
Finished Unleaded Motor Gasoline	0	13,812	194	1,025	0	0	686	0	0	15,717	9,053
Gasohol	0	30	0	0	0	0	0	0	0	30	0
Finished Aviation Gasoline	0	266	0	-38	0	0	0	0	0	228	429
Naphtha-Type Jet Fuel	0	1,320	0	60	0	0	114	0	0	1,494	1,291
Kerosene-Type Jet Fuel	0	5,989	43	763	0	0	127	0	18	6,904	5,588
Kerosene	0	185	0	59	0	0	0	0	(s)	244	144
Distillate Fuel Oil	0	8,877	31	1,142	0	295	406	0	99	10,652	10,293
Residual Fuel Oil	0	13,184	750	30	0	1,454	-160	0	3,288	11,970	9,685
Naphtha and Other Oils for Petro. Feed.	0	475	0	-66	0	0	0	0	217	192	316
Special Naphthas	0	102	13	110	0	0	0	0	5	220	375
Lubricants	0	481	(s)	-16	0	0	103	0	55	513	1,418
Waxes	0	75	0	1	0	0	0	0	6	70	22
Petroleum Coke	0	2,690	0	67	0	0	0	0	1,559	1,198	1,539
Asphalt	0	1,484	0	71	0	0	0	0	10	1,545	2,775
Road Oil	0	10	0	14	0	0	0	0	0	24	25
Still Gas	0	2,866	0	0	0	0	0	0	0	2,866	0
Miscellaneous Products	0	241	0	70	0	0	-3	0	5	303	159
Total	**79,868**	**65,769**	**10,770**	**736**	**-5,761**	**-33**	**-7,568**	**63,863**	**10,377**	**69,540**	**178,024**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, May 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**81,852**	**0**	**8,316**	**3,958**	**-4,679**	**-1,844**	**-14,255**	**65,783**	**7,565**	**0**	**83,802**
Natural Gas Plant Liquids and LRGs	**682**	**1,508**	**550**	**-60**	**0**	**0**	**0**	**938**	**147**	**1,594**	**1,472**
Liquefied Petroleum Gases	292	1,472	533	-62	0	0	0	552	147	1,534	1,423
Ethane	0	36	0	0	0	0	0	0	0	36	0
Other Products[3]	390	0	17	2	0	0	0	386	0	24	49
Other Liquids	**385**	**0**	**997**	**80**	**0**	**0**	**207**	**1,763**	**0**	**-94**	**37,150**
Other Hydrocarbons and Alcohol	385	0	0	1	0	0	0	386	0	0	3
Unfinished Oils	0	0	993	-349	0	0	207	606	0	245	30,693
Motor Gasoline Blending Components	0	0	4	414	0	0	0	757	0	-339	6,433
Aviation Gasoline Blending Components	0	0	0	14	0	0	0	14	0	0	21
Finished Petroleum Products	**0**	**70,318**	**2,989**	**-2,743**	**0**	**1,822**	**2,269**	**0**	**3,637**	**71,018**	**54,365**
Finished Motor Gasoline	0	29,918	891	-325	0	0	1,525	0	21	31,988	17,888
Finished Leaded Motor Gasoline	0	14,476	586	-44	0	0	928	0	21	15,925	8,554
Finished Unleaded Motor Gasoline	0	15,416	305	-281	0	0	597	0	0	16,037	9,334
Gasohol	0	26	0	0	0	0	0	0	0	26	0
Finished Aviation Gasoline	0	293	0	-34	0	0	0	0	0	259	463
Naphtha-Type Jet Fuel	0	1,176	428	141	0	0	247	0	0	1,992	1,150
Kerosene-Type Jet Fuel	0	6,613	480	-876	0	0	203	0	16	6,404	6,464
Kerosene	0	213	0	-88	0	0	0	0	(s)	125	232
Distillate Fuel Oil	0	9,933	76	-443	0	321	340	0	1	10,226	10,736
Residual Fuel Oil	0	12,386	1,027	-832	0	1,501	-174	0	555	13,353	10,517
Naphtha and Other Oils for Petro. Feed.	0	611	15	-53	0	0	0	0	299	273	369
Special Naphthas	0	214	22	-97	0	0	0	0	3	136	472
Lubricants	0	467	49	69	0	0	153	0	56	683	1,349
Waxes	0	101	0	-9	0	0	0	0	12	80	31
Petroleum Coke	0	2,907	0	123	0	0	0	0	2,666	364	1,416
Asphalt	0	1,947	0	-239	0	0	0	0	3	1,705	3,014
Road Oil	0	26	0	-17	0	0	0	0	0	9	42
Still Gas	0	3,153	0	0	0	0	0	0	0	3,153	0
Miscellaneous Products	0	360	0	-63	0	0	-25	0	5	267	222
Total	**82,919**	**71,826**	**12,852**	**1,235**	**-4,679**	**-22**	**-11,779**	**68,484**	**11,349**	**72,518**	**176,789**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, June 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**81,167**	**0**	**11,543**	**-3,061**	**-4,221**	**-1,781**	**-11,931**	**68,288**	**3,428**	**0**	**86,863**
Natural Gas Plant Liquids and LRGs	**598**	**1,852**	**343**	**-509**	**0**	**0**	**154**	**998**	**86**	**1,354**	**1,981**
Liquefied Petroleum Gases	233	1,823	324	-499	0	0	154	659	86	1,290	1,922
Ethane	0	29	0	0	0	0	0	0	0	29	0
Other Products[3]	365	0	19	-10	0	0	0	339	0	35	59
Other Liquids	**555**	**0**	**646**	**-638**	**0**	**0**	**539**	**1,732**	**0**	**-630**	**37,788**
Other Hydrocarbons and Alcohol	555	0	0	2	0	0	0	557	0	0	1
Unfinished Oils	0	0	559	1,023	0	0	539	2,736	0	-615	29,670
Motor Gasoline Blending Components	0	0	87	-1,656	0	0	0	-1,554	0	-15	8,089
Aviation Gasoline Blending Components	0	0	0	-7	0	0	0	-7	0	0	28
Finished Petroleum Products	**0**	**71,812**	**3,683**	**-1,371**	**0**	**1,748**	**2,869**	**0**	**2,224**	**76,517**	**55,736**
Finished Motor Gasoline	0	29,926	1,426	-304	0	0	2,198	0	18	33,228	18,192
Finished Leaded Motor Gasoline	0	15,208	967	-742	0	0	1,368	0	18	16,783	9,296
Finished Unleaded Motor Gasoline	0	14,688	458	442	0	0	830	0	0	16,418	8,892
Gasohol	0	30	0	-4	0	0	0	0	0	26	4
Finished Aviation Gasoline	0	282	0	28	0	0	0	0	0	310	435
Naphtha-Type Jet Fuel	0	1,483	0	-66	0	0	236	0	(s)	1,653	1,216
Kerosene-Type Jet Fuel	0	6,348	1,079	6	0	0	111	0	12	7,531	6,458
Kerosene	0	146	0	11	0	0	0	0	1	156	221
Distillate Fuel Oil	0	9,997	101	-383	0	280	371	0	(s)	10,366	11,119
Residual Fuel Oil	0	13,653	1,055	-698	0	1,468	-98	0	657	14,723	11,215
Naphtha and Other Oils for Petro. Feed.	0	599	0	-29	0	0	0	0	89	481	398
Special Naphthas	0	118	16	17	0	0	0	0	2	149	455
Lubricants	0	377	(s)	-175	0	0	109	0	63	248	1,524
Waxes	0	81	7	3	0	0	0	0	7	84	28
Petroleum Coke	0	3,072	0	140	0	0	0	0	1,367	1,845	1,276
Asphalt	0	1,965	0	185	0	0	0	0	1	2,149	2,829
Road Oil	0	-17	0	27	0	0	0	0	0	10	15
Still Gas	0	3,429	0	0	0	0	0	0	0	3,429	0
Miscellaneous Products	0	353	(s)	-133	0	0	-58	0	6	156	355
Total	**82,320**	**73,664**	**16,215**	**-5,579**	**-4,221**	**-33**	**-8,369**	**71,018**	**5,738**	**77,240**	**182,368**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**83,171**	**0**	**9,916**	**-2,402**	**-7,835**	**-1,826**	**-8,510**	**66,482**	**6,032**	**0**	**89,265**
Natural Gas Plant Liquids and LRGs	**639**	**1,332**	**342**	**-215**	**0**	**0**	**0**	**871**	**85**	**1,142**	**2,196**
Liquefied Petroleum Gases	266	1,291	342	-223	0	0	0	566	85	1,025	2,145
Ethane	0	41	0	0	0	0	0	0	0	41	0
Other Products[3]	373	0	0	8	0	0	0	305	0	76	51
Other Liquids	**401**	**0**	**517**	**2,170**	**0**	**0**	**-146**	**3,337**	**0**	**-395**	**35,618**
Other Hydrocarbons and Alcohol	401	0	0	0	0	0	0	401	0	0	1
Unfinished Oils	0	0	0	1,743	0	0	-146	2,671	0	-1,074	27,927
Motor Gasoline Blending Components	0	0	517	426	0	0	0	264	0	679	7,663
Aviation Gasoline Blending Components	0	0	0	1	0	0	0	1	0	0	27
Finished Petroleum Products	**0**	**73,126**	**3,034**	**-797**	**0**	**1,801**	**3,122**	**0**	**3,671**	**76,615**	**56,533**
Finished Motor Gasoline	0	31,180	1,788	-2,711	0	0	1,827	0	8	32,076	20,903
Finished Leaded Motor Gasoline	0	14,761	1,376	-1,338	0	0	1,037	0	8	15,828	10,634
Finished Unleaded Motor Gasoline	0	16,386	412	-1,372	0	0	790	0	0	16,216	10,264
Gasohol	0	33	0	-1	0	0	0	0	0	32	5
Finished Aviation Gasoline	0	439	0	-117	0	0	0	0	0	322	552
Naphtha-Type Jet Fuel	0	1,558	220	69	0	0	260	0	(s)	2,106	1,147
Kerosene-Type Jet Fuel	0	7,056	10	654	0	0	209	0	19	7,909	5,804
Kerosene	0	195	0	39	0	0	0	0	1	233	182
Distillate Fuel Oil	0	9,843	25	363	0	318	506	0	61	10,994	10,756
Residual Fuel Oil	0	13,036	916	498	0	1,483	0	0	1,918	14,015	10,717
Naphtha and Other Oils for Petro. Feed.	0	584	58	-12	0	0	0	0	205	425	410
Special Naphthas	0	229	18	175	0	0	0	0	1	421	280
Lubricants	0	404	(s)	17	0	0	300	0	68	653	1,507
Waxes	0	91	0	-9	0	0	0	0	6	76	37
Petroleum Coke	0	2,993	0	-30	0	0	0	0	1,377	1,586	1,306
Asphalt	0	1,877	0	307	0	0	0	0	1	2,183	2,522
Road Oil	0	11	0	2	0	0	0	0	0	13	13
Still Gas	0	3,341	0	0	0	0	0	0	0	3,341	0
Miscellaneous Products	0	289	0	-42	0	0	20	0	6	261	397
Total	**84,211**	**74,458**	**13,809**	**-1,244**	**-7,835**	**-25**	**-5,534**	**70,690**	**9,788**	**77,362**	**183,612**

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[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, August 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**82,978**	**0**	**8,985**	**3,765**	**-6,089**	**-1,835**	**-12,473**	**69,863**	**5,468**	**0**	**85,500**
Natural Gas Plant Liquids and LRGs	**665**	**1,371**	**435**	**-96**	**0**	**0**	**0**	**794**	**109**	**1,472**	**2,291**
Liquefied Petroleum Gases	275	1,351	413	-95	0	0	0	455	109	1,380	2,240
Ethane	0	20	0	0	0	0	0	0	0	20	0
Other Products[3]	389	0	22	-1	0	0	0	339	0	72	52
Other Liquids	**339**	**0**	**879**	**-663**	**0**	**0**	**489**	**1,115**	**0**	**-71**	**36,281**
Other Hydrocarbons and Alcohol	339	0	0	0	0	0	0	339	0	0	1
Unfinished Oils	0	0	345	-750	0	0	489	398	0	-314	28,677
Motor Gasoline Blending Components	0	0	533	94	0	0	0	385	0	242	7,569
Aviation Gasoline Blending Components	0	0	0	-7	0	0	0	-7	0	0	34
Finished Petroleum Products	**0**	**74,033**	**2,586**	**-111**	**0**	**1,807**	**2,504**	**0**	**3,308**	**77,511**	**56,644**
Finished Motor Gasoline	0	30,778	682	629	0	0	1,441	0	6	33,523	20,274
Finished Leaded Motor Gasoline	0	14,488	370	588	0	0	948	0	6	16,388	10,046
Finished Unleaded Motor Gasoline	0	16,247	312	41	0	0	493	0	0	17,093	10,223
Gasohol	0	43	0	0	0	0	0	0	0	43	5
Finished Aviation Gasoline	0	347	0	7	0	0	0	0	0	354	545
Naphtha-Type Jet Fuel	0	1,658	0	-197	0	0	240	0	(s)	1,701	1,344
Kerosene-Type Jet Fuel	0	6,872	692	-23	0	0	126	0	21	7,645	5,827
Kerosene	0	164	0	-53	0	0	0	0	1	110	235
Distillate Fuel Oil	0	10,778	161	-685	0	258	530	0	1	11,041	11,441
Residual Fuel Oil	0	13,204	1,035	-10	0	1,549	0	0	1,090	14,688	10,727
Naphtha and Other Oils for Petro. Feed.	0	562	0	-32	0	0	40	0	144	426	442
Special Naphthas	0	146	16	0	0	0	0	0	3	159	280
Lubricants	0	353	(s)	71	0	0	155	0	43	536	1,436
Waxes	0	62	0	4	0	0	0	0	4	62	33
Petroleum Coke	0	3,114	0	52	0	0	0	0	1,989	1,177	1,254
Asphalt	0	2,443	0	28	0	0	0	0	1	2,470	2,494
Road Oil	0	28	0	-19	0	0	0	0	0	9	32
Still Gas	0	3,292	0	0	0	0	0	0	0	3,292	0
Miscellaneous Products	0	232	0	117	0	0	-28	0	4	317	280
Total	**83,982**	**75,404**	**12,884**	**2,895**	**-6,089**	**-28**	**-9,480**	**71,772**	**8,885**	**78,912**	**180,716**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, September 1981
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**80,606**	**0**	**10,408**	**4,078**	**-8,247**	**-1,859**	**-13,289**	**65,893**	**5,804**	**0**	**81,422**
Natural Gas Plant Liquids and LRGs	**660**	**1,210**	**325**	**-183**	**0**	**0**	**0**	**849**	**129**	**1,033**	**2,475**
Liquefied Petroleum Gases	277	1,192	293	-184	0	0	0	519	129	930	2,424
Ethane	0	18	0	0	0	0	0	0	0	18	0
Other Products[3]	382	0	32	1	0	0	0	330	0	85	51
Other Liquids	**561**	**0**	**185**	**-1,019**	**0**	**0**	**578**	**536**	**0**	**-231**	**37,300**
Other Hydrocarbons and Alcohol	561	0	0	0	0	0	0	561	0	0	1
Unfinished Oils	0	0	174	-853	0	0	578	116	0	-217	29,530
Motor Gasoline Blending Components	0	0	11	-157	0	0	0	-132	0	-14	7,726
Aviation Gasoline Blending Components	0	0	0	-9	0	0	0	-9	0	0	43
Finished Petroleum Products	**0**	**69,332**	**3,174**	**-1,208**	**0**	**1,819**	**2,036**	**0**	**4,640**	**70,513**	**57,852**
Finished Motor Gasoline	0	28,803	1,169	76	0	0	1,138	0	20	31,165	20,198
Finished Leaded Motor Gasoline	0	13,278	740	405	0	0	757	0	20	15,160	9,641
Finished Unleaded Motor Gasoline	0	15,483	428	-330	0	0	381	0	0	15,962	10,553
Gasohol	0	42	0	1	0	0	0	0	0	43	4
Finished Aviation Gasoline	0	248	0	-121	0	0	0	0	0	127	666
Naphtha-Type Jet Fuel	0	1,198	0	67	0	0	264	0	0	1,529	1,277
Kerosene-Type Jet Fuel	0	6,346	567	-291	0	0	377	0	20	6,979	6,118
Kerosene	0	101	0	16	0	0	0	0	0	117	219
Distillate Fuel Oil	0	10,372	31	-1,020	0	282	361	0	27	9,999	12,461
Residual Fuel Oil	0	12,266	1,347	65	0	1,537	-240	0	2,456	12,518	10,662
Naphtha and Other Oils for Petro. Feed.	0	635	47	175	0	0	0	0	118	738	267
Special Naphthas	0	102	14	7	0	0	0	0	3	120	273
Lubricants	0	365	(s)	-118	0	0	136	0	53	330	1,554
Waxes	0	67	0	3	0	0	0	0	9	61	30
Petroleum Coke	0	3,055	0	-32	0	0	0	0	1,929	1,094	1,286
Asphalt	0	2,129	0	6	0	0	0	0	2	2,133	2,488
Road Oil	0	22	0	-13	0	0	0	0	0	9	45
Still Gas	0	3,443	0	0	0	0	0	0	0	3,443	0
Miscellaneous Products	0	180	0	-28	0	0	0	0	3	149	308
Total	**81,827**	**70,542**	**14,092**	**1,668**	**-8,247**	**-40**	**-10,675**	**67,278**	**10,573**	**71,315**	**179,049**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, October 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	83,047	0	9,869	-1,720	-3,948	-1,963	-13,209	66,606	5,470	0	83,142
Natural Gas Plant Liquids and LRGs	677	1,235	453	-10	0	0	0	1,101	151	1,103	2,485
Liquefied Petroleum Gases	301	1,218	443	-12	0	0	0	811	151	988	2,436
Ethane	0	17	0	0	0	0	0	0	0	17	0
Other Products[3]	377	0	10	2	0	0	0	290	0	98	49
Other Liquids	597	0	218	834	0	0	143	841	0	951	36,466
Other Hydrocarbons and Alcohol	597	0	0	0	0	0	0	597	0	0	1
Unfinished Oils	0	0	198	2,271	0	0	143	1,613	0	999	27,259
Motor Gasoline Blending Components	0	0	19	-1,432	0	0	0	-1,364	0	-49	9,158
Aviation Gasoline Blending Components	0	0	0	-5	0	0	0	-5	0	0	48
Finished Petroleum Products	0	70,897	2,346	916	0	1,917	2,563	0	4,344	74,295	56,936
Finished Motor Gasoline	0	29,298	988	166	0	0	1,515	0	18	31,949	20,032
Finished Leaded Motor Gasoline	0	14,474	640	-368	0	0	941	0	18	15,668	10,009
Finished Unleaded Motor Gasoline	0	14,791	348	530	0	0	574	0	0	16,243	10,023
Gasohol	0	33	0	4	0	0	0	0	0	37	0
Finished Aviation Gasoline	0	311	0	-7	0	0	0	0	0	304	673
Naphtha-Type Jet Fuel	0	1,338	0	-82	0	0	210	0	0	1,466	1,359
Kerosene-Type Jet Fuel	0	6,416	206	-173	0	0	148	0	12	6,585	6,291
Kerosene	0	155	0	-15	0	0	0	0	4	136	234
Distillate Fuel Oil	0	10,313	98	208	0	262	402	0	21	11,262	12,253
Residual Fuel Oil	0	13,771	921	252	0	1,655	76	0	2,014	14,661	10,410
Naphtha and Other Oils for Petro. Feed.	0	722	22	-88	0	0	75	0	259	472	355
Special Naphthas	0	108	18	1	0	0	0	0	3	125	272
Lubricants	0	418	92	392	0	0	170	0	59	1,012	1,162
Waxes	0	71	2	-1	0	0	0	0	8	63	31
Petroleum Coke	0	2,997	0	143	0	0	0	0	1,937	1,203	1,143
Asphalt	0	1,371	0	136	0	0	0	0	1	1,506	2,352
Road Oil	0	0	0	11	0	0	0	0	0	11	34
Still Gas	0	3,428	0	0	0	0	0	0	0	3,428	0
Miscellaneous Products	0	180	0	-27	0	0	-33	0	7	113	335
Total	84,321	72,132	12,886	20	-3,948	-46	-10,503	68,548	9,965	76,349	179,029

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, November
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	E 81,226	0	6,487	131	-1,374	-1,949	-12,515	65,335	6,671	0	83,011
Natural Gas Plant Liquids and LRGs	619	940	629	-275	0	0	0	1,150	155	608	2,760
Liquefied Petroleum Gases	280	927	614	-282	0	0	0	877	155	506	2,718
Ethane	0	13	0	0	0	0	0	0	0	13	0
Other Products[3]	339	0	16	6	0	0	0	273	0	89	42
Other Liquids	316	0	474	179	0	0	190	199	0	960	36,287
Other Hydrocarbons and Alcohol	316	0	0	0	0	0	0	316	0	0	1
Unfinished Oils	0	0	0	-75	0	0	190	550	0	-435	27,334
Motor Gasoline Blending Components	0	0	474	231	0	0	0	-680	0	1,385	8,927
Aviation Gasoline Blending Components	0	0	0	23	0	0	0	13	0	10	25
Finished Petroleum Products	0	69,446	1,826	-1,739	0	1,910	2,347	0	5,039	68,752	58,675
Finished Motor Gasoline	0	29,262	337	-2,224	0	0	1,623	0	24	28,974	22,256
Finished Leaded Motor Gasoline	0	13,699	65	-1,104	0	0	1,044	0	24	13,680	11,113
Finished Unleaded Motor Gasoline	0	15,519	272	-1,120	0	0	579	0	0	15,250	11,143
Gasohol	0	44	0	0	0	0	0	0	0	44	0
Finished Aviation Gasoline	0	188	0	1	0	0	0	0	0	189	672
Naphtha-Type Jet Fuel	0	1,686	0	-161	0	0	157	0	0	1,682	1,520
Kerosene-Type Jet Fuel	0	6,798	272	-124	0	0	145	0	23	7,068	6,415
Kerosene	0	250	0	13	0	0	0	0	(s)	263	221
Distillate Fuel Oil	0	10,511	74	-14	0	328	303	0	0	11,202	12,267
Residual Fuel Oil	0	11,697	917	597	0	1,582	71	0	2,858	12,007	9,813
Naphtha and Other Oils for Petro. Feed	0	646	0	-42	0	0	75	0	324	355	397
Special Naphthas	0	117	202	-40	0	0	0	0	1	278	312
Lubricants	0	403	(s)	-269	0	0	20	0	64	90	1,431
Waxes	0	76	24	-8	0	0	0	0	5	87	39
Petroleum Coke	0	3,127	0	80	0	0	0	0	1,731	1,476	1,063
Asphalt	0	1,189	0	332	0	0	0	0	4	1,517	2,020
Road Oil	0	-8	0	17	0	0	0	0	0	9	17
Still Gas	0	3,269	0	0	0	0	0	0	0	3,269	0
Miscellaneous Products	0	235	(s)	103	0	0	-47	0	4	287	232
Total	82,161	70,386	9,417	-1,704	-1,374	-39	-9,978	66,684	11,865	70,319	180,733

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
E Estimated.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, December 1981 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**84,094**	**0**	**7,253**	**-861**	**-3,909**	**-1,973**	**-15,218**	**64,689**	**4,697**	**0**	**83,872**
Natural Gas Plant Liquids and LRGs	**617**	**734**	**383**	**557**	**0**	**0**	**0**	**1,434**	**149**	**707**	**2,203**
Liquefied Petroleum Gases	277	728	368	564	0	0	0	1,173	149	615	2,154
Ethane	0	6	0	0	0	0	0	0	0	6	0
Other Products[3]	340	0	15	-7	0	0	0	261	0	86	50
Other Liquids	**329**	**0**	**523**	**409**	**0**	**0**	**4**	**1,615**	**0**	**-350**	**35,878**
Other Hydrocarbons and Alcohol	329	0	0	0	0	0	0	329	0	0	1
Unfinished Oils	0	0	426	1,235	0	0	4	1,416	0	249	26,099
Motor Gasoline Blending Components	0	0	97	-801	0	0	0	-105	0	-599	9,728
Aviation Gasoline Blending Components	0	0	0	-25	0	0	0	-25	0	0	50
Finished Petroleum Products	**0**	**71,135**	**2,544**	**-5,052**	**0**	**1,937**	**2,741**	**0**	**4,462**	**68,843**	**63,727**
Finished Motor Gasoline	0	29,996	1,187	-962	0	0	1,527	0	332	31,416	23,218
Finished Leaded Motor Gasoline	0	14,001	728	-147	0	0	961	0	332	15,211	11,260
Finished Unleaded Motor Gasoline	0	15,925	459	-815	0	0	566	0	0	16,135	11,958
Gasohol	0	70	0	0	0	0	0	0	0	70	0
Finished Aviation Gasoline	0	195	0	-35	0	0	25	0	0	185	707
Naphtha-Type Jet Fuel	0	1,245	0	-217	0	0	231	0	0	1,259	1,737
Kerosene-Type Jet Fuel	0	6,165	107	-272	0	0	135	0	16	6,119	6,687
Kerosene	0	203	0	-22	0	0	0	0	(s)	181	243
Distillate Fuel Oil	0	11,779	370	-2,399	0	325	642	0	505	10,211	14,666
Residual Fuel Oil	0	12,048	397	-339	0	1,612	-22	0	1,940	11,755	10,152
Naphtha and Other Oils for Petro. Feed.	0	551	0	-25	0	0	0	0	49	477	422
Special Naphthas	0	21	6	51	0	0	0	0	1	77	261
Lubricants	0	402	(s)	-38	0	0	246	0	52	558	1,469
Waxes	0	66	0	-8	0	0	0	0	6	52	47
Petroleum Coke	0	3,638	0	-410	0	0	0	0	1,554	1,674	1,473
Asphalt	0	977	0	-276	0	0	0	0	3	698	2,296
Road Oil	0	-6	0	13	0	0	0	0	0	7	4
Still Gas	0	3,544	0	0	0	0	0	0	0	3,544	0
Miscellaneous Products	0	311	479	-113	0	0	-43	0	4	630	345
Total	**85,040**	**71,869**	**10,703**	**-4,947**	**-3,909**	**-36**	**-12,473**	**67,738**	**9,309**	**69,201**	**185,680**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources and estimation procedures: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] January 1981
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	3,606	116
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	248	8
Total	4,243	137
PAD District II		
Illinois	2,000	65
Indiana	438	14
Kansas	5,151	166
Kentucky	486	16
Michigan	2,827	91
Missouri	19	1
Nebraska	554	18
North Dakota	3,787	122
Ohio	1,148	37
Oklahoma	12,139	392
South Dakota	78	3
Tennessee	71	2
Total	28,698	926
PAD District III		
Alabama	1,940	63
Arkansas	1,552	50
Louisiana		
Gulf Coast	35,971	1,160
Rest Of State	2,893	93
Total Louisiana	38,864	1,254
Mississippi	2,708	87
New Mexico		
Northwestern	544	18
Southeastern	5,742	185
Total New Mexico	6,286	203
Texas		
TRRC District 01	1,671	54
TRRC District 02	3,716	120
TRRC District 03	11,094	358
TRRC District 04	2,610	84
TRRC District 05	796	26
TRRC District 06, excluding East Texas	3,876	125
TRRC District 07B	2,512	81
TRRC District 07C	2,690	87
TRRC District 08	20,023	646
TRRC District 08A	22,630	730
TRRC District 09	3,052	98
TRRC District 10	1,715	55
East Texas	4,842	156
Total Texas	81,227	2,620
Total	132,577	4,277
PAD District IV		
Colorado	2,506	81
Montana	2,416	78
Utah	2,150	69
Wyoming	11,089	358
Total	18,161	586
PAD District V		
Alaska		
South Alaska	2,880	93
North Slope	46,909	1,513
Total Alaska	49,789	1,606
Arizona	28	1
California		
Central Coastal	5,015	162
East Central	19,313	623
North	19	1
South	6,824	220
Total California	31,171	1,006
Nevada	69	2
Total	81,057	2,615
United States Total	264,736	8,540

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] February 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	3,162	113
New York	68	2
Pennsylvania	286	10
Virginia	1	(s)
West Virginia	234	8
Total	3,751	134
PAD District II		
Illinois	1,775	63
Indiana	374	13
Kansas	4,727	169
Kentucky	465	17
Michigan	2,493	89
Missouri	17	1
Nebraska	504	18
North Dakota	3,493	125
Ohio	1,036	37
Oklahoma	12,268	438
South Dakota	60	2
Tennessee	73	3
Total	27,285	974
PAD District III		
Alabama	1,661	59
Arkansas	1,400	50
Louisiana		
Gulf Coast	31,961	1,141
Rest Of State	2,699	96
Total Louisiana	34,660	1,238
Mississippi	2,437	87
New Mexico		
Northwestern	515	18
Southeastern	5,078	181
Total New Mexico	5,593	200
Texas		
TRRC District 01	1,633	58
TRRC District 02	3,320	119
TRRC District 03	10,496	375
TRRC District 04	2,330	83
TRRC District 05	686	25
TRRC District 06, excluding East Texas	3,510	125
TRRC District 07B	2,283	82
TRRC District 07C	2,439	87
TRRC District 08	18,081	646
TRRC District 08A	20,234	723
TRRC District 09	2,713	97
TRRC District 10	1,548	55
East Texas	4,390	157
Total Texas	73,663	2,631
Total	119,414	4,265
PAD District IV		
Colorado	2,255	81
Montana	2,342	84
Utah	2,170	78
Wyoming	10,016	358
Total	16,783	599
PAD District V		
Alaska		
South Alaska	2,517	90
North Slope	42,829	1,530
Total Alaska	45,346	1,620
Arizona	24	1
California		
Central Coastal	4,538	162
East Central	17,485	624
North	15	1
South	6,217	222
Total California	28,255	1,009
Nevada	56	2
Total	73,681	2,631
United States Total	240,914	8,604

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] March 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	3,167	102
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	316	10
Total	3,872	125
PAD District II		
Illinois	1,960	63
Indiana	435	14
Kansas	5,546	179
Kentucky	531	17
Michigan	2,807	91
Missouri	19	1
Nebraska	566	18
North Dakota	3,790	122
Ohio	1,148	37
Oklahoma	13,290	429
South Dakota	74	2
Tennessee	79	3
Total	30,245	976
PAD District III		
Alabama	1,715	55
Arkansas	1,576	51
Louisiana		
Gulf Coast	35,721	1,152
Rest Of State	2,938	95
Total Louisiana	38,659	1,247
Mississippi	2,871	93
New Mexico		
Northwestern	559	18
Southeastern	5,546	179
Total New Mexico	6,105	197
Texas		
TRRC District 01	1,822	59
TRRC District 02	3,707	120
TRRC District 03	11,945	385
TRRC District 04	2,579	83
TRRC District 05	791	26
TRRC District 06, excluding East Texas	3,903	126
TRRC District 07B	2,536	82
TRRC District 07C	2,723	88
TRRC District 08	20,156	650
TRRC District 08A	22,240	717
TRRC District 09	2,999	97
TRRC District 10	1,712	55
East Texas	4,860	157
Total Texas	81,973	2,644
Total	132,899	4,287
PAD District IV		
Colorado	2,527	82
Montana	2,592	84
Utah	2,150	69
Wyoming	11,089	358
Total	18,358	592
PAD District V		
Alaska		
South Alaska	2,643	85
North Slope	47,507	1,532
Total Alaska	50,150	1,618
Arizona	23	1
California		
Central Coastal	4,967	160
East Central	19,596	632
North	18	1
South	6,817	220
Total California	31,398	1,013
Nevada	58	2
Total	81,629	2,633
United States Total	267,003	8,613

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication. Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State, [1] April 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	3,064	102
New York	69	2
Pennsylvania	306	10
Virginia	1	(s)
West Virginia	241	8
Total	3,681	123
PAD District II		
Illinois	2,040	68
Indiana	402	13
Kansas	5,524	184
Kentucky	555	19
Michigan	2,720	91
Missouri	19	1
Nebraska	560	19
North Dakota	3,805	127
Ohio	1,111	37
Oklahoma	11,905	397
South Dakota	79	3
Tennessee	69	2
Total	28,789	960
PAD District III		
Alabama	1,647	55
Arkansas	1,486	50
Louisiana		
Gulf Coast	34,465	1,149
Rest Of State	2,840	95
Total Louisiana	37,305	1,244
Mississippi	2,763	92
New Mexico		
Northwestern	529	18
Southeastern	5,373	179
Total New Mexico	5,902	197
Texas		
TRRC District 01	1,802	60
TRRC District 02	3,564	119
TRRC District 03	11,385	380
TRRC District 04	2,486	83
TRRC District 05	755	25
TRRC District 06, excluding East Texas	3,730	124
TRRC District 07B	2,482	83
TRRC District 07C	2,551	85
TRRC District 08	19,321	644
TRRC District 08A	21,131	704
TRRC District 09	2,903	97
TRRC District 10	1,646	55
East Texas	4,665	156
Total Texas	78,421	2,614
Total	127,524	4,251
PAD District IV		
Colorado	2,478	83
Montana	2,501	83
Utah	2,160	72
Wyoming	10,731	358
Total	17,870	596
PAD District V		
Alaska		
South Alaska	2,558	85
North Slope	45,677	1,523
Total Alaska	48,235	1,608
Arizona	28	1
California		
Central Coastal	4,807	160
East Central	19,099	637
North	17	1
South	6,601	220
Total California	30,524	1,017
Nevada	57	2
Total	78,844	2,628
United States Total	256,708	8,557

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Utah, Texas, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] May 1981
(Thousands of Barrels)

PAD District and State	Production Total	Production Daily Average
PAD District I		
Florida	3,052	98
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	294	9
Total	3,735	120
PAD District II		
Illinois	2,095	68
Indiana	400	13
Kansas	5,400	174
Kentucky	530	17
Michigan	2,763	89
Missouri	19	1
Nebraska	554	18
North Dakota	3,974	128
Ohio	1,148	37
Oklahoma	13,000	419
South Dakota	79	3
Tennessee	71	2
Total	30,033	969
PAD District III		
Alabama	1,620	52
Arkansas	1,576	51
Louisiana		
Gulf Coast	33,396	1,077
Rest Of State	3,038	98
Total Louisiana	36,434	1,175
Mississippi	2,894	93
New Mexico		
Northwestern	546	18
Southeastern	5,507	178
Total New Mexico	6,053	195
Texas		
TRRC District 01	1,919	62
TRRC District 02	3,666	118
TRRC District 03	11,721	378
TRRC District 04	2,534	82
TRRC District 05	769	25
TRRC District 06, excluding East Texas	3,843	124
TRRC District 07B	2,562	83
TRRC District 07C	2,622	85
TRRC District 08	20,384	658
TRRC District 08A	21,494	693
TRRC District 09	2,993	97
TRRC District 10	1,663	54
East Texas	4,811	155
Total Texas	80,981	2,612
Total	129,558	4,179

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PAD District and State	Production Total	Production Daily Average
PAD District IV		
Colorado	2,498	81
Montana	2,626	85
Utah	2,150	69
Wyoming	11,089	358
Total	18,363	592
PAD District V		
Alaska		
South Alaska	2,633	85
North Slope	46,344	1,495
Total Alaska	48,977	1,580
Arizona	30	1
California		
Central Coastal	5,695	184
East Central	20,190	651
North	18	1
South	6,886	222
Total California	32,789	1,058
Nevada	56	2
Total	81,852	2,640
United States Total	263,541	8,501

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] June 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,856	95
New York	69	2
Pennsylvania	306	10
Virginia	1	(s)
West Virginia	278	9
Total	3,510	117
PAD District II		
Illinois	1,930	64
Indiana	410	14
Kansas	5,493	183
Kentucky	635	21
Michigan	2,682	89
Missouri	19	1
Nebraska	548	18
North Dakota	3,839	128
Ohio	1,111	37
Oklahoma	12,891	430
South Dakota	79	3
Tennessee	73	2
Total	29,710	990
PAD District III		
Alabama	1,767	59
Arkansas	1,486	50
Louisiana		
Gulf Coast	34,031	1,134
Rest Of State	2,870	96
Total Louisiana	36,901	1,230
Mississippi	2,732	91
New Mexico		
Northwestern	524	17
Southeastern	5,243	175
Total New Mexico	5,767	192
Texas		
TRRC District 01	1,859	62
TRRC District 02	3,497	117
TRRC District 03	11,041	368
TRRC District 04	2,416	81
TRRC District 05	714	24
TRRC District 06, excluding East Texas	3,671	122
TRRC District 07B	2,477	83
TRRC District 07C	2,480	83
TRRC District 08	19,944	665
TRRC District 08A	20,718	691
TRRC District 09	2,883	96
TRRC District 10	1,580	53
East Texas	4,633	154
Total Texas	77,913	2,597
Total	126,566	4,219
PAD District IV		
Colorado	2,445	82
Montana	2,570	86
Utah	2,160	72
Wyoming	10,731	358
Total	17,906	597
PAD District V		
Alaska		
South Alaska	2,642	88
North Slope	46,325	1,544
Total Alaska	48,967	1,632
Arizona	29	1
California		
Central Coastal	5,746	192
East Central	19,683	656
North	18	1
South	6,667	222
Total California	32,114	1,070
Nevada	57	2
Total	81,167	2,706
United States Total	258,859	8,629

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] July 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,833	91
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	293	9
Total	3,515	113
PAD District II		
Illinois	2,030	65
Indiana	419	14
Kansas	5,438	175
Kentucky	590	19
Michigan	2,779	90
Missouri	19	1
Nebraska	548	18
North Dakota	3,841	124
Ohio	1,148	37
Oklahoma	11,698	377
South Dakota	85	3
Tennessee	79	3
Total	28,674	925
PAD District III		
Alabama	1,804	58
Arkansas	1,576	51
Louisiana		
Gulf Coast	34,947	1,127
Rest Of State	2,908	94
Total Louisiana	37,855	1,221
Mississippi	2,837	92
New Mexico		
Northwestern	551	18
Southeastern	5,386	174
Total New Mexico	5,937	192
Texas		
TRRC District 01	1,967	63
TRRC District 02	3,553	115
TRRC District 03	11,695	377
TRRC District 04	2,439	79
TRRC District 05	741	24
TRRC District 06, excluding East Texas	3,785	122
TRRC District 07B	2,486	80
TRRC District 07C	2,650	85
TRRC District 08	19,775	638
TRRC District 08A	21,402	690
TRRC District 09	2,951	95
TRRC District 10	1,581	51
East Texas	4,741	153
Total Texas	79,766	2,573
Total	129,775	4,186
PAD District IV		
Colorado	2,523	81
Montana	2,601	84
Utah	2,150	69
Wyoming	11,089	358
Total	18,363	592
PAD District V		
Alaska		
South Alaska	2,654	86
North Slope	47,107	1,520
Total Alaska	49,761	1,605
Arizona	29	1
California		
Central Coastal	6,043	195
East Central	20,403	658
North	18	1
South	6,861	221
Total California	33,325	1,075
Nevada	56	2
Total	83,171	2,683
United States Total	263,498	8,500

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] August 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,650	85
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	267	9
Total	3,306	107
PAD District II		
Illinois	2,090	67
Indiana	428	14
Kansas	5,643	182
Kentucky	546	18
Michigan	2,775	90
Missouri	19	1
Nebraska	578	19
North Dakota	3,836	124
Ohio	1,148	37
Oklahoma	13,719	443
South Dakota	86	3
Tennessee	78	3
Total	30,946	998
PAD District III		
Alabama	1,764	57
Arkansas	1,576	51
Louisiana		
Gulf Coast	35,694	1,151
Rest Of State	2,939	95
Total Louisiana	38,633	1,246
Mississippi	3,006	97
New Mexico		
Northwestern	583	19
Southeastern	5,429	175
Total New Mexico	6,012	194
Texas		
TRRC District 01	2,013	65
TRRC District 02	3,540	114
TRRC District 03	11,488	371
TRRC District 04	2,456	79
TRRC District 05	743	24
TRRC District 06, excluding East Texas	3,814	123
TRRC District 07B	2,560	83
TRRC District 07C	2,647	85
TRRC District 08	19,821	639
TRRC District 08A	21,066	680
TRRC District 09	2,977	96
TRRC District 10	1,605	52
East Texas	4,754	153
Total Texas	79,484	2,564
Total	130,475	4,209
PAD District IV		
Colorado	2,495	80
Montana	2,630	85
Utah	2,150	69
Wyoming	11,089	358
Total	18,364	592
PAD District V		
Alaska		
South Alaska	2,558	83
North Slope	47,117	1,520
Total Alaska	49,675	1,602
Arizona	33	1
California		
Central Coastal	6,191	200
East Central	20,139	650
North	18	1
South	6,864	221
Total California	33,212	1,071
Nevada	58	2
Total	82,978	2,677
United States Total	266,069	8,583

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] September 1981
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,612	87
New York	69	2
Pennsylvania	306	10
Virginia	1	(s)
West Virginia	288	10
Total	3,276	109
PAD District II		
Illinois	1,980	66
Indiana	406	14
Kansas	5,584	186
Kentucky	558	19
Michigan	2,739	91
Missouri	19	1
Nebraska	560	19
North Dakota	3,789	126
Ohio	1,111	37
Oklahoma	13,565	452
South Dakota	84	3
Tennessee	77	3
Total	30,472	1,016
PAD District III		
Alabama	1,732	58
Arkansas	1,486	50
Louisiana		
Gulf Coast	33,810	1,127
Rest Of State	2,959	99
Total Louisiana	36,769	1,226
Mississippi	2,915	97
New Mexico		
Northwestern	566	19
Southeastern	5,268	176
Total New Mexico	5,834	194
Texas		
TRRC District 01	2,022	67
TRRC District 02	3,399	113
TRRC District 03	11,212	374
TRRC District 04	2,396	80
TRRC District 05	722	24
TRRC District 06, excluding East Texas	3,688	123
TRRC District 07B	2,513	84
TRRC District 07C	2,637	88
TRRC District 08	19,122	637
TRRC District 08A	20,430	681
TRRC District 09	2,904	97
TRRC District 10	1,551	52
East Texas	4,566	152
Total Texas	77,162	2,572
Total	125,898	4,197
PAD District IV		
Colorado	2,464	82
Montana	2,513	84
Utah	2,160	72
Wyoming	10,731	358
Total	17,868	596
PAD District V		
Alaska		
South Alaska	2,453	82
North Slope	45,759	1,525
Total Alaska	48,212	1,607
Arizona	31	1
California		
Central Coastal	6,069	202
East Central	19,610	654
North	18	1
South	6,606	220
Total California	32,303	1,077
Nevada	60	2
Total	80,606	2,687
United States Total	258,120	8,604

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[1] Includes offshore production. The EIA did not receive crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State[1] October 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,709	87
New York	71	2
Pennsylvania	317	10
Virginia	1	(s)
West Virginia	424	14
Total	3,522	114
PAD District II		
Illinois	2,050	66
Indiana	323	10
Kansas	5,787	187
Kentucky	547	18
Michigan	2,741	88
Missouri	19	1
Nebraska	580	19
North Dakota	3,879	125
Ohio	1,148	37
Oklahoma	13,165	425
South Dakota	85	3
Tennessee	82	3
Total	30,406	981
PAD District III		
Alabama	1,624	52
Arkansas	1,576	51
Louisiana		
Gulf Coast	35,091	1,132
Rest Of State	2,853	92
Total Louisiana	37,944	1,224
Mississippi	3,053	98
New Mexico		
Northwestern	591	19
Southeastern	5,467	176
Total New Mexico	6,058	195
Texas		
TRRC District 01	2,098	68
TRRC District 02	3,542	114
TRRC District 03	11,429	369
TRRC District 04	2,457	79
TRRC District 05	736	24
TRRC District 06, excluding East Texas	3,768	122
TRRC District 07B	2,508	81
TRRC District 07C	2,765	89
TRRC District 08	19,779	638
TRRC District 08A	21,053	679
TRRC District 09	2,925	94
TRRC District 10	1,697	55
East Texas	4,723	152
Total Texas	79,480	2,564
Total	129,735	4,185
PAD District IV		
Colorado	2,774	89
Montana	2,727	88
Utah	2,150	69
Wyoming	11,089	358
Total	18,740	605
PAD District V		
Alaska		
South Alaska	2,601	84
North Slope	46,890	1,513
Total Alaska	49,491	1,596
Arizona	33	1
California		
Central Coastal	6,123	198
East Central	20,401	658
North	18	1
South	6,923	223
Total California	33,465	1,080
Nevada	58	2
Total	83,047	2,679
United States Total	265,450	8,563

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication : Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] November 1981
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,563	85
New York	E 69	2
Pennsylvania	E 306	10
Virginia	1	(s)
West Virginia	E 266	9
Total	E 3,205	107
PAD District II		
Illinois	2,025	68
Indiana	E 404	13
Kansas	5,566	186
Kentucky	558	19
Michigan	2,617	87
Missouri	E 19	1
Nebraska	547	18
North Dakota	3,626	121
Ohio	E 1,147	38
Oklahoma	13,125	438
South Dakota	84	3
Tennessee	80	3
Total	E 29,798	993
PAD District III		
Alabama	1,659	55
Arkansas	1,486	50
Louisiana		
Gulf Coast	34,076	1,136
Rest Of State	2,937	98
Total Louisiana	37,013	1,234
Mississippi	2,976	99
New Mexico		
Northwestern	586	20
Southeastern	5,267	176
Total New Mexico	5,853	195
Texas		
TRRC District 01	2,093	70
TRRC District 02	3,415	114
TRRC District 03	9,977	333
TRRC District 04	2,367	79
TRRC District 05	694	23
TRRC District 06, excluding East Texas	3,648	122
TRRC District 07B	2,549	85
TRRC District 07C	2,716	91
TRRC District 08	19,257	642
TRRC District 08A	20,362	679
TRRC District 09	3,004	100
TRRC District 10	1,646	55
East Texas	4,542	151
Total Texas	76,270	2,542
Total	125,257	4,175
PAD District IV		
Colorado	2,630	88
Montana	2,572	86
Utah	E 2,160	72
Wyoming	E 10,731	358
Total	E 18,093	603
PAD District V		
Alaska		
South Alaska	2,440	81
North Slope	45,987	1,533
Total Alaska	48,427	1,614
Arizona	35	1
California		
Central Coastal	6,183	206
East Central	19,683	656
North	15	1
South	6,823	227
Total California	32,704	1,090
Nevada	60	2
Total	81,226	2,708
United States Total	E 257,579	8,586

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] December 1981 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,499	81
New York	71	2
Pennsylvania	317	10
Virginia	2	(s)
West Virginia	324	10
Total	3,213	104
PAD District II		
Illinois	2,115	68
Indiana	282	9
Kansas	5,951	192
Kentucky	547	18
Michigan	2,722	88
Missouri	19	1
Nebraska	572	18
North Dakota	3,765	121
Ohio	1,147	37
Oklahoma	13,291	429
South Dakota	100	3
Tennessee	86	3
Total	30,597	987
PAD District III		
Alabama	1,747	56
Arkansas	1,576	51
Louisiana		
Gulf Coast	35,196	1,135
Rest Of State	3,082	99
Total Louisiana	38,278	1,235
Mississippi	3,012	97
New Mexico		
Northwestern	621	20
Southeastern	5,547	179
Total New Mexico	6,168	199
Texas		
TRRC District 01	2,150	69
TRRC District 02	3,483	112
TRRC District 03	10,253	331
TRRC District 04	2,479	80
TRRC District 05	716	23
TRRC District 06, excluding East Texas	3,723	120
TRRC District 07B	2,703	87
TRRC District 07C	2,826	91
TRRC District 08	19,792	638
TRRC District 08A	21,038	679
TRRC District 09	3,132	101
TRRC District 10	1,799	58
East Texas	4,698	152
Total Texas	78,792	2,542
Total	129,573	4,180
PAD District IV		
Colorado	2,708	87
Montana	2,723	88
Utah	2,150	69
Wyoming	11,089	358
Total	18,670	602
PAD District V		
Alaska		
South Alaska	2,493	80
North Slope	47,814	1,542
Total Alaska	50,307	1,623
Arizona	34	1
California		
Central Coastal	6,286	203
East Central	20,471	660
North	17	1
South	6,924	223
Total California	33,698	1,087
Nevada	55	2
Total	84,094	2,713
United States Total	266,147	8,585

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

(s) Less than 500 barrels.

Sources: See Explanatory Notes on Data Collection and Estimation.

E Estimated.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) By State, [1] January 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,574	83
California		
Federal	874	28
State	3,226	104
California, Total	4,100	132
Louisiana		
Federal	21,548	695
State	2,318	75
Louisiana, Total	23,866	770
Texas		
Federal	618	20
State	136	4
Texas, Total	754	24
United States Total	31,294	1,009

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation

Lease Condensate) By State,[1] February 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,279	81
California		
Federal	800	29
State	2,945	105
California, Total	3,745	134
Louisiana		
Federal	19,012	679
State	2,085	74
Louisiana, Total	21,097	753
Texas		
Federal	1,072	38
State	119	4
Texas, Total	1,191	43
United States Total	28,312	1,011

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] March 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,494	80
California		
Federal	883	28
State	3,216	104
California, Total	4,099	132
Louisiana		
Federal	21,228	685
State	2,344	76
Louisiana, Total	23,572	760
Texas		
Federal	1,239	40
State	139	4
Texas, Total	1,378	44
United States Total	31,543	1,018

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State, [1] April 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,288	76
California		
Federal	984	33
State	3,101	103
California, Total	4,085	136
Louisiana		
Federal	20,513	684
State	2,253	75
Louisiana, Total	22,766	759
Texas		
Federal	1,077	36
State	139	5
Texas, Total	1,216	41
United States Total	30,355	1,012

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] May 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,356	76
California		
Federal	1,586	51
State	3,300	106
California, Total	4,886	158
Louisiana		
Federal	19,090	616
State	2,285	74
Louisiana, Total	21,375	690
Texas		
Federal	1,091	35
State	161	5
Texas, Total	1,252	40
United States Total	29,869	964

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] June 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,385	80
California		
Federal	1,748	58
State	3,224	107
California, Total	4,972	166
Louisiana		
Federal	20,516	684
State	2,199	73
Louisiana, Total	22,715	757
Texas		
Federal	883	29
State	153	5
Texas, Total	1,036	35
United States Total	31,108	1,037

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] July 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,639	85
California		
Federal	1,942	63
State	3,369	109
California, Total	5,311	171
Louisiana		
Federal	21,205	684
State	2,159	70
Louisiana, Total	23,364	754
Texas		
Federal	1,126	36
State	155	5
Texas, Total	1,281	41
United States Total	32,595	1,051

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] August 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,545	82
California		
Federal	2,054	66
State	3,405	110
California, Total	5,459	176
Louisiana		
Federal	21,962	708
State	2,093	68
Louisiana, Total	24,055	776
Texas		
Federal	1,128	36
State	142	5
Texas, Total	1,270	41
United States Total	33,329	1,075

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) By State,[1] September 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,201	73
California		
Federal	2,119	71
State	3,245	108
California, Total	5,364	179
Louisiana		
Federal	20,595	687
State	2,062	69
Louisiana, Total	22,657	755
Texas		
Federal	1,145	38
State	130	4
Texas, Total	1,275	43
United States Total	31,497	1,050

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming

[2] All offshore production within State boundaries

Note Total may not equal sum of components due to independent rounding

Sources: See Explanatory Notes on Data Collection and Estimation

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) By State. [1] October 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,320	75
California		
Federal	2,149	69
State	3,299	106
California, Total	5,448	176
Louisiana		
Federal	21,441	692
State	2,165	70
Louisiana, Total	23,606	761
Texas		
Federal	1,116	36
State	142	5
Texas, Total	1,258	41
United States Total	32,632	1,053

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding

Sources See Explanatory Notes on Data Collection and Estimation

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State,[1] November 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,173	72
California		
Federal	2,179	73
State	3,302	110
California, Total	5,481	183
Louisiana		
Federal	20,923	697
State	2,077	69
Louisiana, Total	23,000	767
Texas		
Federal	1,135	38
State	131	4
Texas, Total	1,266	42
United States Total	31,920	1,064

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) By State, [1]December 1981 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,209	71
California		
Federal	2,270	73
State	3,386	109
California, Total	5,656	182
Louisiana		
Federal	21,703	700
State	2,183	70
Louisiana, Total	23,886	771
Texas		
Federal	1,152	37
State	142	5
Texas, Total	1,294	42
United States Total	33,045	1,066

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

[2] All offshore production within State boundaries.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] January 1981
(Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,131	36
California	18	1
Louisiana	6,658	215
Mississippi	200	6
New Mexico	483	16
Oklahoma	775	25
Texas	3,694	119
Total	12,959	418

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] February 1981
(Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	935	33
California	16	1
Louisiana	5,919	211
Mississippi	171	6
New Mexico	430	15
Oklahoma	859	31
Texas	3,162	113
Total	11,492	410

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] March 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	932	30
California	17	1
Louisiana	6,624	214
Mississippi	176	6
New Mexico	461	15
Oklahoma	948	31
Texas	3,610	116
Total	12,768	412

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] April 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	920	31
California	16	1
Louisiana	6,229	208
Mississippi	171	6
New Mexico	435	15
Oklahoma	809	27
Texas	3,408	114
Total	11,988	400

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] May 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	857	28
California	16	1
Louisiana	4,289	138
Mississippi	177	6
New Mexico	431	14
Oklahoma	857	28
Texas	3,610	116
Total	10,237	330

[1] These production data are included in Table 9 Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available The EIA did not receive final crude oil production data from the following states in time for publication Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming

Note Total may not equal sum of components due to independent rounding

Sources See Explanatory Notes on Data Collection and Estimation

Table 11. Production of Lease Condensate by State,[1] June 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,025	34
California	14	(s)
Louisiana	6,011	200
Mississippi	171	6
New Mexico	405	14
Oklahoma	888	30
Texas	3,447	115
Total	11,961	399

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication. Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming

(s) Less than 500 barrels

Note Total may not equal sum of components due to independent rounding

Sources See Explanatory Notes on Data Collection and Estimation

Table 11. Production of Lease Condensate by State,[1] July 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,041	34
California	15	(s)
Louisiana	6,197	200
Mississippi	184	6
New Mexico	406	13
Oklahoma	789	25
Texas	3,547	114
Total	12,179	393

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] August 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,025	33
California	15	(s)
Louisiana	6,425	207
Mississippi	190	6
New Mexico	401	13
Oklahoma	915	30
Texas	3,597	116
Total	12,568	405

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State,[1] September 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	999	33
California	14	(s)
Louisiana	5,896	197
Mississippi	193	6
New Mexico	414	14
Oklahoma	849	28
Texas	3,495	117
Total	11,860	395

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming

(s) Less than 500 barrels

Note Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State, [1] October 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	881	28
California	15	(s)
Louisiana	6,161	199
Mississippi	190	6
New Mexico	433	14
Oklahoma	827	27
Texas	3,656	118
Total	12,163	392

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[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note Total may not equal sum of components due to independent rounding.

Sources See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State, [1] November 1981 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	946	32
California	15	1
Louisiana	6,022	201
Mississippi	193	6
New Mexico	438	15
Oklahoma	769	26
Texas	3,175	106
Total	11,558	385

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah, and Wyoming.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 11. Production of Lease Condensate by State, December 1981[1] (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,020	33
California	15	(s)
Louisiana	6,595	213
Mississippi	197	6
New Mexico	467	15
Oklahoma	769	25
Texas	3,434	111
Total	12,497	403

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: Alaska, Arkansas, California, Illinois, Kansas, Louisiana, New Mexico, North Dakota, Texas, Utah and Wyoming.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] January 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist IV	PAD Dist V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	947	509	1,456	0	2,098	306	8,208	10,612	18,275	3,409	9,209	840	3,966	35,699	2,112	537	50,416
Isopentane	0	0	0	0	0	0	334	334	448	53	60	0	0	561	1	0	896
Natural Gasoline	129	25	155	0	85	73	1,365	1,522	1,924	2,471	1,529	100	335	6,359	378	256	8,669
Unfractionated Stream	0	220	220	0	760	33	-2,446	-1,654	7,067	-10,073	70	299	2,510	-127	957	22	-581
Plant Condensate	0	0	0	0	71	0	28	99	189	950	42	53	(s)	1,235	6	0	1,339
Liquefied Petroleum Gases and Ethane	818	264	1,081	0	1,183	201	8,927	10,311	8,646	10,007	7,509	388	1,121	27,672	770	259	40,093
Ethane	357	147	505	0	442	0	1,694	2,136	1,269	2,921	2,772	53	64	7,079	1	0	9,721
Propane	295	78	373	0	604	128	3,649	4,381	3,299	3,736	2,512	176	539	10,260	486	159	15,660
Butane	165	25	190	0	95	60	1,711	1,867	1,424	2,002	914	4	293	4,637	274	48	7,016
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	44	3	5	8	0	59	1	36	97
Ethane-Propane Mixtures	0	0	0	0	0	0	1,273	1,273	1,884	179	432	0	133	2,628	(s)	0	3,901
Isobutane	0	14	14	0	41	13	601	655	726	1,166	875	148	92	3,007	7	16	3,698
Finished Motor Gasoline	58	0	58	0	0	0	0	0	17	0	236	0	0	253	9	0	320
Finished Leaded Motor Gasoline	58	0	58	0	0	0	0	0	11	0	75	0	0	86	4	0	148
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	6	0	162	0	0	167	5	0	172
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	32	0	0	0	0	32	0	0	32
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	0	0	0	(s)	1	1	0	0	1
Distillate Fuel Oil	0	0	0	0	0	0	2	2	5	0	2	4	0	10	0	0	12
Special Naphthas	0	0	0	0	0	0	0	0	105	0	0	0	0	105	0	0	105
Miscellaneous Products	0	0	0	0	2	0	11	13	233	6	23	23	1	284	20	0	317
Total Production	1,005	509	1,514	0	2,100	306	8,220	10,626	18 667	3,414	9,470	867	3,968	36,386	2,141	537	51 205

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding

Source: See Explanatory Notes on Data Collection and Estimation

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] February 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	827	504	1,331	0	2,002	293	7,028	9,322	16,589	3,021	8,335	713	3,616	32,274	2,094	525	45,546
Isopentane	0	0	0	0	0	0	185	185	415	87	48	0	0	550	1	0	737
Natural Gasoline	105	26	131	0	77	64	1,120	1,261	1,680	2,808	1,411	81	311	6,292	329	251	8,264
Unfractionated Stream	0	213	213	0	757	23	–1,816	–1,036	6,822	–9,383	–227	309	2,308	–171	1,083	19	109
Plant Condensate	0	0	0	0	73	0	23	97	174	803	46	7	(s)	1,030	5	0	1,131
Liquefied Petroleum Gases and Ethane	722	265	987	0	1,094	206	7,515	8,814	7,499	8,705	7,058	316	997	24,574	675	256	35,306
Ethane	313	147	460	0	414	0	1,718	2,131	1,133	2,683	2,703	51	65	6,634	12	0	9,238
Propane	258	80	337	0	557	129	3,099	3,785	3,006	3,350	2,295	156	461	9,269	418	156	13,966
Butane	151	25	175	0	85	63	1,363	1,511	1,239	1,714	835	–40	266	4,015	239	47	5,987
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	39	2	3	6	0	51	1	38	90
Ethane-Propane Mixtures	0	0	0	0	0	0	851	851	1,446	–7	417	0	122	1,977	0	0	2,827
Isobutane	0	14	14	0	38	14	484	536	636	962	805	142	83	2,628	5	15	3,198
Finished Motor Gasoline	61	0	61	0	0	0	0	0	16	0	295	0	0	311	7	0	379
Finished Leaded Motor Gasoline	61	0	61	0	0	0	0	0	13	0	136	0	0	149	5	0	214
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	159	0	0	162	3	0	165
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	24	0	0	0	0	24	0	0	24
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	0	2	4	0	0	4
Distillate Fuel Oil	0	0	0	0	0	0	2	2	6	0	1	4	0	12	0	0	14
Special Naphthas	0	0	0	0	0	0	0	0	117	0	0	0	0	117	0	0	117
Miscellaneous Products	0	0	0	0	2	0	11	13	142	5	19	15	1	183	18	0	213
Total Production	888	504	1,392	0	2,004	293	7,040	9,336	16,897	3,026	8,651	733	3,619	32,926	2,118	525	46,297

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] March 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	849	600	1,449	0	2,168	287	7,291	9,746	18,487	3,335	8,683	865	3,972	35,342	2,355	596	49,488
Isopentane	0	0	0	0	0	0	273	273	472	80	51	0	0	603	1	0	877
Natural Gasoline	110	32	142	0	81	69	1,178	1,327	1,949	3,484	1,343	109	372	7,257	360	292	9,379
Unfractionated Stream	0	245	245	0	873	27	-2,078	-1,177	7,509	-11,062	70	351	2,478	-655	1,215	20	-352
Plant Condensate	0	0	0	0	48	0	25	73	149	919	37	9	(s)	1,114	6	0	1,193
Liquefied Petroleum Gases and Ethane	738	324	1,062	0	1,166	191	7,893	9,250	8,407	9,914	7,182	397	1,122	27,022	774	284	38,391
Ethane	313	181	494	0	454	0	1,782	2,235	1,195	3,072	2,704	63	80	7,115	11	0	9,855
Propane	264	96	361	0	572	138	3,325	4,036	3,263	3,997	2,325	183	496	10,264	485	169	15,314
Butane	161	30	191	0	98	40	1,468	1,607	1,482	1,927	857	-17	300	4,549	271	57	6,674
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	45	3	6	9	0	62	1	40	104
Ethane-Propane Mixtures	0	0	0	0	0	0	784	784	1,731	-155	450	0	151	2,178	0	0	2,962
Isobutane	0	17	17	0	42	12	534	588	690	1,071	839	159	96	2,855	6	17	3,482
Finished Motor Gasoline	60	0	60	0	0	0	0	0	17	0	279	0	0	296	3	0	359
Finished Leaded Motor Gasoline	60	0	60	0	0	0	0	0	14	0	158	0	0	172	3	0	234
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	121	0	0	125	(s)	0	125
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	47	0	0	0	0	47	0	0	47
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	2	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	2	2	1	(s)	1	5	0	7	0	0	10
Special Naphthas	0	0	0	0	0	0	0	0	155	0	0	0	0	155	0	0	155
Miscellaneous Products	0	0	0	0	2	0	12	15	180	4	19	30	(s)	233	23	0	270
Total Production	908	600	1,508	0	2,170	287	7,306	9,763	18,890	3,339	8,982	900	3,975	36,086	2,381	596	50,335

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] April 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	776	609	1,385	0	2,019	336	6,866	9,222	18,176	2,763	8,364	801	3,856	33,960	2,216	660	47,442
Isopentane	0	0	0	0	0	0	324	324	415	98	36	0	0	549	1	0	875
Natural Gasoline	102	34	136	0	80	73	1,168	1,320	1,972	775	1,297	108	333	4,485	337	343	6,620
Unfractionated Stream	0	240	240	0	749	33	-2,231	-1,449	7,523	-10,179	361	338	2,551	594	1,177	20	582
Plant Condensate	0	0	0	0	66	0	25	90	154	1,133	35	9	(s)	1,332	6	0	1,428
Liquefied Petroleum Gases and Ethane	674	335	1,009	0	1,125	230	7,581	8,936	8,111	10,936	6,635	346	973	26,999	695	297	37,936
Ethane	288	182	470	0	451	0	1,578	2,029	1,157	2,872	2,376	65	85	6,554	13	0	9,066
Propane	241	106	346	0	545	138	3,223	3,905	3,006	4,104	2,174	162	431	9,877	441	185	14,755
Butane	145	31	176	0	88	79	1,438	1,606	1,424	2,127	824	-23	243	4,595	235	59	6,670
Butane-Propane Mixtures	0	0	0	0	(s)	0	(s)	(s)	43	3	3	7	0	56	1	40	97
Ethane-Propane Mixtures	0	0	0	0	0	0	764	764	1,777	505	495	0	134	2,912	0	0	3,676
Isobutane	0	17	17	0	40	13	578	631	704	1,325	764	134	79	3,006	4	14	3,672
Finished Motor Gasoline	58	0	58	0	0	0	0	0	8	0	34	0	0	42	4	0	105
Finished Leaded Motor Gasoline	58	0	58	0	0	0	0	0	4	0	14	0	0	18	3	0	80
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	4	0	20	0	0	24	1	0	25
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	36	0	0	0	0	36	0	0	36
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	(s)	2	4	0	0	4
Distillate Fuel Oil	0	0	0	0	0	0	1	1	2	(s)	2	5	0	9	0	0	10
Special Naphthas	0	0	0	0	0	0	0	0	117	0	0	0	0	117	0	0	117
Miscellaneous Products	0	0	0	0	2	0	9	11	163	4	18	28	1	214	18	0	244
Total Production	834	609	1,443	0	2,021	336	6,877	9,234	18,503	2,768	8,417	834	3,859	34,382	2,238	660	47,957

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] May 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	803	533	1,336	2	2,035	322	7,427	9,785	18,870	3,186	8,046	863	3,877	34,842	2,229	682	48,874
Isopentane	0	0	0	0	0	0	311	311	463	111	47	0	0	620	2	0	933
Natural Gasoline	112	36	149	0	70	76	1,287	1,433	2,066	1,373	1,400	108	362	5,309	348	368	7,607
Unfractionated Stream	0	151	151	2	868	32	-2,637	-1,735	7,722	-9,757	-543	323	2,471	217	1,219	22	-127
Plant Condensate	0	0	0	0	41	0	24	65	182	1,004	38	36	1	1,260	6	0	1,332
Liquefied Petroleum Gases and Ethane	690	346	1,037	0	1,055	214	8,442	9,712	8,437	10,455	7,104	396	1,043	27,435	655	292	39,129
Ethane	286	188	475	0	472	0	1,845	2,317	1,241	2,867	2,498	65	81	6,752	12	0	9,556
Propane	249	107	356	0	479	134	3,442	4,055	3,155	4,097	2,214	181	485	10,133	410	186	15,140
Butane	155	33	188	0	68	68	1,477	1,613	1,385	2,127	940	-12	262	4,701	227	56	6,784
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	48	2	2	7	0	58	1	33	93
Ethane-Propane Mixtures	0	0	0	0	0	0	1,091	1,091	1,860	159	590	0	136	2,745	0	0	3,836
Isobutane	0	18	18	0	37	12	587	636	749	1,204	859	155	79	3,045	5	17	3,721
Finished Motor Gasoline	58	0	58	0	0	0	0	0	16	0	0	0	0	16	3	0	77
Finished Leaded Motor Gasoline	58	0	58	0	0	0	0	0	13	0	0	0	0	13	3	0	73
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	0	0	0	3	1	0	4
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	29	0	0	0	0	29	0	0	29
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	(s)	2	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	(s)	0	2	4	0	6	0	0	8
Special Naphthas	0	0	0	0	0	0	0	0	112	0	0	0	0	112	0	0	112
Miscellaneous Products	0	0	0	0	1	0	9	10	221	3	17	25	1	266	17	0	293
Total Production	860	533	1,393	2	2,036	322	7,437	9,797	19,251	3,189	8,064	892	3,880	35,276	2,250	682	49,398

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] June 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	777	561	1,337	0	2,134	338	6,973	9,445	17,618	3,359	8,488	793	3,513	33,770	2,154	598	47,304
Isopentane	0	0	0	0	0	0	277	277	428	96	57	0	0	581	2	0	860
Natural Gasoline	118	34	153	0	82	76	1,273	1,431	2,109	1,125	1,409	111	379	5,133	316	346	7,379
Unfractionated Stream	0	221	221	0	922	30	-1,914	-962	7,155	-10,346	395	300	2,210	-286	1,231	19	223
Plant Condensate	0	0	0	0	36	1	21	57	141	1,358	39	9	(s)	1,547	5	0	1,610
Liquefied Petroleum Gases and Ethane	659	305	963	0	1,095	231	7,316	8,642	7,785	11,125	6,588	373	923	26,795	600	233	37,232
Ethane	278	160	438	0	434	0	1,561	1,995	1,205	3,128	2,384	61	79	6,857	12	0	9,302
Propane	233	98	331	0	529	139	2,998	3,666	2,858	4,075	2,156	167	402	9,658	373	129	14,158
Butane	147	31	178	0	88	77	1,305	1,470	1,324	2,156	906	-18	250	4,619	208	54	6,529
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	44	2	(s)	7	0	53	2	31	86
Ethane-Propane Mixtures	0	0	0	0	0	0	997	997	1,669	415	310	0	119	2,513	0	0	3,509
Isobutane	0	17	17	0	44	15	456	514	684	1,349	832	157	73	3,095	5	18	3,648
Finished Motor Gasoline	64	0	64	0	0	0	0	0	16	0	0	0	0	16	5	0	84
Finished Leaded Motor Gasoline	64	0	64	0	0	0	0	0	13	0	0	0	0	13	3	0	80
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	4
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	52	0	0	0	0	52	0	0	52
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	(s)	3	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	4	0	7	0	0	8
Special Naphthas	0	0	0	0	0	0	0	0	133	0	0	0	0	133	0	0	133
Miscellaneous Products	0	0	0	0	1	0	10	10	175	1	15	9	(s)	200	13	0	223
Total Production	841	561	1,402	0	2,134	338	6,984	9,456	17,997	3,360	8,504	806	3,516	34,183	2,171	598	47,810

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] July 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	743	425	1,168	(s)	2,049	341	6,095	8,485	18,398	3,236	8,683	809	3,774	34,900	2,268	639	47,459
Isopentane	0	0	0	0	0	0	227	227	442	107	58	0	0	607	1	0	835
Natural Gasoline	118	27	145	0	85	77	1,318	1,479	2,238	931	1,411	109	393	5,082	323	348	7,377
Unfractionated Stream	0	155	155	(s)	869	28	-1,702	-805	7,652	-10,497	7	317	2,330	-191	1,297	24	479
Plant Condensate	0	0	0	0	39	0	20	59	109	1,324	47	8	5	1,492	5	0	1,556
Liquefied Petroleum Gases and Ethane	625	243	868	0	1,057	235	6,232	7,524	7,958	11,371	7,161	375	1,045	27,910	642	266	37,211
Ethane	253	126	379	0	378	0	1,393	1,771	1,234	3,159	2,236	59	82	6,770	9	0	8,929
Propane	229	78	308	0	549	134	2,073	2,757	2,855	4,025	2,352	169	490	9,891	396	159	13,511
Butane	128	25	153	0	88	86	1,241	1,416	1,386	2,382	986	-21	268	5,002	232	54	6,857
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	46	2	3	6	0	57	1	33	91
Ethane-Propane Mixtures	0	0	0	0	0	0	1,094	1,094	1,779	452	672	0	125	3,028	0	0	4,121
Isobutane	15	14	29	0	41	15	431	487	657	1,351	912	161	82	3,163	4	20	3,703
Finished Motor Gasoline	54	0	54	0	0	0	0	0	16	0	0	0	0	16	5	0	74
Finished Leaded Motor Gasoline	54	0	54	0	0	0	0	0	11	0	0	0	0	11	3	0	68
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	4	0	0	0	0	4	2	0	6
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	89	0	0	0	0	89	0	0	89
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	3	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	5	0	7	0	0	8
Special Naphthas	0	0	0	0	0	0	0	0	134	0	0	0	0	134	0	0	134
Miscellaneous Products	0	0	0	0	1	0	9	9	167	2	5	6	1	180	14	0	204
Total Production	796	425	1,221	(s)	2,050	341	6,104	8,495	18,807	3,239	8,688	820	3,777	35,331	2,287	639	47,974

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities

(s) Less than 500 barrels.

Note Total may not equal sum of components due to independent rounding

Source: See Explanatory Notes on Data Collection and Estimation

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] August 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	711	268	979	2	2,069	320	7,295	9,686	19,097	3,603	8,669	756	3,695	35,820	2,350	665	49,500
Isopentane	0	0	0	0	0	0	253	253	362	98	58	0	0	518	2	0	773
Natural Gasoline	114	11	125	0	85	74	1,328	1,487	2,249	2,995	1,502	111	360	7,217	330	368	9,527
Unfractionated Stream	0	154	154	2	856	33	-2,388	-1,496	8,103	-11,240	-125	17	2,336	-910	1,323	22	-907
Plant Condensate	0	0	0	0	32	0	22	55	183	1,054	46	10	4	1,295	6	0	1,356
Liquefied Petroleum Gases and Ethane	596	103	699	0	1,095	213	8,079	9,387	8,201	10,697	7,188	618	995	27,700	690	275	38,752
Ethane	243	54	297	0	425	0	1,567	1,992	1,151	3,381	2,433	55	74	7,094	27	0	9,410
Propane	219	34	253	0	527	128	3,091	3,746	3,038	3,499	2,261	176	476	9,450	415	159	14,023
Butane	118	10	128	0	97	73	1,329	1,499	1,419	2,035	941	216	250	4,861	244	59	6,790
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	59	2	2	6	0	69	2	33	103
Ethane-Propane Mixtures	0	0	0	0	0	0	1,600	1,600	1,855	485	719	0	115	3,174	0	0	4,774
Isobutane	17	5	22	0	46	12	492	550	679	1,295	831	165	81	3,052	3	24	3,651
Finished Motor Gasoline	55	0	55	0	0	0	0	0	22	0	0	0	0	22	5	0	82
Finished Leaded Motor Gasoline	55	0	55	0	0	0	0	0	15	0	0	0	0	15	3	0	73
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	7	0	0	0	0	7	2	0	9
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	67	0	0	0	0	67	0	0	67
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	3	6	0	0	6
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	4	0	6	0	0	6
Special Naphthas	0	0	0	0	0	0	0	0	125	0	0	0	0	125	0	0	125
Miscellaneous Products	0	0	0	0	(s)	0	7	7	229	2	2	6	(s)	240	16	0	262
Total Production	766	268	1,034	2	2,070	320	7,302	9,694	19,542	3,605	8,672	767	3,698	36,285	2,371	665	50,048

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] September 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	731	565	1,295	2	1,779	332	6,665	8,778	18,455	3,972	8,268	768	3,524	34,988	2,188	660	47,909
Isopentane	0	0	0	0	0	0	280	280	319	86	52	0	0	457	10	0	747
Natural Gasoline	114	34	148	0	82	79	1,196	1,356	2,036	-357	1,912	102	344	4,036	331	361	6,232
Unfractionated Stream	0	215	215	2	758	30	-2,112	-1,322	7,734	-7,327	-2,199	78	2,234	520	1,168	22	603
Plant Condensate	0	0	0	0	30	0	21	51	183	1,162	45	8	4	1,402	6	0	1,459
Liquefied Petroleum Gases and Ethane	617	315	932	0	909	223	7,279	8,412	8,183	10,407	8,458	581	943	28,573	674	277	38,869
Ethane	244	163	407	0	353	0	1,386	1,739	1,285	2,979	2,390	51	71	6,776	12	0	8,934
Propane	234	102	335	0	436	132	2,829	3,397	3,119	3,498	2,586	161	450	9,815	430	168	14,145
Butane	124	33	156	0	79	80	1,230	1,389	1,385	2,141	1,145	211	221	5,104	228	59	6,936
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	57	1	4	6	0	68	2	30	100
Ethane-Propane Mixtures	0	0	0	0	0	0	1,367	1,367	1,766	587	1,373	0	123	3,849	0	0	5,216
Isobutane	16	18	34	0	39	12	468	519	570	1,202	960	153	77	2,962	2	21	3,537
Finished Motor Gasoline	39	0	39	0	0	0	0	0	16	0	0	0	0	16	4	0	59
Finished Leaded Motor Gasoline	39	0	39	0	0	0	0	0	13	0	0	0	0	13	2	0	55
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	0	0	0	3	2	0	4
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	71	0	0	0	0	71	0	0	71
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	3	6	0	0	6
Distillate Fuel Oil	0	0	0	0	0	0	1	1	2	0	1	5	0	8	0	0	9
Special Naphthas	0	0	0	0	0	0	0	0	121	0	0	0	0	121	0	0	121
Miscellaneous Products	0	0	0	0	1	0	8	9	154	1	1	7	(s)	163	17	0	188
Total Production	770	565	1,335	2	1,780	332	6,674	8,788	18,821	3,973	8,270	781	3,528	35,372	2,209	660	48,363

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] October 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	714	564	1,278	3	1,972	332	6,882	9,188	18,849	3,819	8,190	954	3,829	35,640	2,319	677	49,102
Isopentane	0	0	0	0	0	0	324	324	371	115	91	0	0	578	11	0	912
Natural Gasoline	108	36	144	0	81	76	1,239	1,397	2,086	1,601	1,464	108	376	5,635	414	360	7,950
Unfractionated Stream	0	205	205	3	793	25	-2,846	-2,026	7,883	-10,578	-379	303	2,342	-430	1,084	17	-1,149
Plant Condensate	0	0	0	0	31	0	20	51	176	1,047	70	-81	3	1,214	7	0	1,272
Liquefied Petroleum Gases and Ethane	606	323	929	0	1,067	230	8,146	9,443	8,332	11,633	6,945	624	1,108	28,643	803	301	40,118
Ethane	250	166	416	0	447	0	1,589	2,036	1,216	3,054	2,481	67	80	6,899	16	0	9,367
Propane	227	106	333	0	480	132	3,189	3,800	3,141	4,095	2,365	177	524	10,302	517	183	15,135
Butane	110	33	143	0	93	85	1,288	1,466	1,545	2,507	1,172	213	270	5,706	265	62	7,643
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	59	1	6	7	0	73	2	32	108
Ethane-Propane Mixtures	0	0	0	0	0	0	1,566	1,566	1,860	635	81	0	141	2,718	0	0	4,283
Isobutane	18	18	36	0	46	14	515	574	511	1,341	840	159	92	2,944	4	23	3,581
Finished Motor Gasoline	34	0	34	0	0	0	0	0	17	0	0	0	0	17	4	0	54
Finished Leaded Motor Gasoline	34	0	34	0	0	0	0	0	15	0	0	0	0	15	2	0	51
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	3
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	90	0	0	0	0	90	0	0	90
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	3	0	0	1	3	7	0	0	7
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	4	0	6	0	0	7
Special Naphthas	0	0	0	0	0	0	0	0	103	0	0	0	0	103	2	0	105
Miscellaneous Products	0	0	0	0	1	0	8	9	147	3	1	8	1	159	18	0	186
Total Production	748	564	1,312	3	1,972	332	6,891	9,198	19,210	3,821	8,191	967	3,832	36,021	2,342	677	49,551

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] November 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	679	581	1,260	2	1,973	348	7,252	9,575	18,357	3,569	8,384	700	3,899	34,908	2,207	619	48,570
Isopentane	0	0	0	0	0	0	221	221	283	98	93	0	0	474	2	0	697
Natural Gasoline	104	34	138	0	75	83	1,130	1,288	2,129	2,605	1,498	132	348	6,712	381	320	8,838
Unfractionated Stream	0	236	236	2	829	20	-1,795	-943	7,615	-10,587	-284	9	2,567	-679	1,008	19	-358
Plant Condensate	0	0	0	0	42	0	21	63	168	984	38	-60	2	1,132	6	0	1,202
Liquefied Petroleum Gases and Ethane	576	311	886	0	1,027	244	7,674	8,945	8,162	10,468	7,038	619	981	27,269	810	280	38,191
Ethane	235	157	393	0	437	0	1,459	1,896	1,119	2,884	2,418	59	74	6,554	23	0	8,865
Propane	216	103	320	0	464	142	2,841	3,447	3,109	3,758	2,276	177	420	9,741	506	176	14,190
Butane	106	32	139	0	82	92	1,157	1,331	1,327	2,117	1,079	211	255	4,990	274	54	6,787
Butane-Propane Mixtures	0	0	0	0	2	0	0	2	60	1	5	6	0	73	2	32	108
Ethane-Propane Mixtures	0	0	0	0	0	0	1,755	1,755	1,877	478	490	0	144	2,990	0	0	4,744
Isobutane	18	18	36	0	42	10	462	514	670	1,229	770	165	88	2,922	7	18	3,497
Finished Motor Gasoline	26	0	26	0	0	0	0	0	15	0	0	0	0	15	5	0	45
Finished Leaded Motor Gasoline	26	0	26	0	0	0	0	0	11	0	0	0	0	11	3	0	39
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	4	0	0	0	0	4	2	0	6
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	39	0	0	0	0	39	0	0	39
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	3	6	0	0	6
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	0	0	2	0	0	3
Special Naphthas	0	0	0	0	0	0	0	0	48	0	0	0	0	48	2	0	51
Miscellaneous Products	0	0	0	0	2	0	8	10	152	3	1	-7	1	150	22	0	181
Total Production	705	581	1,286	2	1,975	348	7,261	9,586	18,613	3,572	8,386	695	3,902	35,168	2,236	619	48,895

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] December 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	583	571	1,154	3	2,160	333	7,774	10,269	18,872	2,571	8,424	773	3,986	34,626	2,252	617	48,918
Isopentane	0	0	0	0	0	0	308	308	343	90	88	0	0	521	1	0	830
Natural Gasoline	92	33	125	0	84	82	1,173	1,339	2,051	2,629	1,377	133	325	6,515	356	321	8,656
Unfractionated Stream	0	229	229	3	838	25	-2,323	-1,457	8,019	-9,442	142	27	2,557	1,302	1,101	19	1,194
Plant Condensate	0	0	0	0	49	0	23	73	202	560	47	8	3	821	6	0	899
Liquefied Petroleum Gases and Ethane	491	309	800	0	1,188	225	8,592	10,006	8,257	8,733	6,770	605	1,101	25,467	788	277	37,339
Ethane	177	159	336	0	474	0	1,680	2,154	1,078	2,445	2,389	58	83	6,053	15	0	8,558
Propane	201	101	301	0	567	137	3,190	3,894	3,198	3,474	2,313	172	527	9,685	498	179	14,558
Butane	95	32	127	0	95	77	1,354	1,526	1,364	1,632	855	203	265	4,320	268	42	6,282
Butane-Propane Mixtures	0	0	0	0	2	0	0	2	63	1	1	7	0	72	1	38	114
Ethane-Propane Mixtures	0	0	0	0	0	0	1,838	1,838	1,879	371	426	17	139	2,831	0	0	4,669
Isobutane	19	18	36	0	50	11	530	591	676	810	785	148	87	2,506	7	18	3,158
Finished Motor Gasoline	45	0	45	0	0	0	0	0	19	0	0	0	0	19	4	0	67
Finished Leaded Motor Gasoline	45	0	45	0	0	0	0	0	16	0	0	0	0	16	2	0	62
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	0	0	0	3	2	0	5
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	61	0	0	0	0	61	0	0	61
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	3	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	0	0	2	0	0	3
Special Naphthas	0	0	0	0	0	0	0	0	47	0	0	0	0	47	0	0	47
Miscellaneous Products	0	0	0	0	2	0	16	18	147	3	1	-6	1	146	21	0	185
Total Production	628	571	1,199	3	2,162	333	7,791	10,288	19,149	2,574	8,426	768	3,989	34,906	2,277	617	49,287

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, January 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	40,633	4,951	45,584	1,619	64,941	8,114	29,926	104,600	14,496	89,052	65,918	6,052	2,800	178,318	13,352	68,818	410,672
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	0	5	5	0	508	120	902	1,530	808	2,559	628	231	98	4,324	109	284	6,252
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	149	0	48	197	65	1,037	67	320	2	1,491	43	36	1,768
LPG and Ethane	29	52	81	112	2,754	401	1,308	4,575	545	1,688	2,517	135	47	4,932	437	882	10,907
Ethane	0	0	0	0	157	0	0	157	0	15	81	0	0	96	0	0	253
Propane	0	0	0	0	88	0	0	88	0	0	75	0	0	75	0	0	163
Normal Butane	0	44	44	69	1,575	222	700	2,566	317	1,086	1,450	42	7	2,902	53	240	5,805
Other Butanes	0	0	0	0	405	126	187	718	98	41	21	0	0	160	317	361	1,556
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	0	36	0	0	25	61	0	125	190
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	29	8	37	43	525	53	421	1,042	130	510	890	93	15	1,638	67	156	2,940
Other Liquids																	
Other Hydrocarbons	102	18	120	0	179	0	7	186	60	216	203	0	1	480	86	372	1,244
Alcohol	0	0	0	0	3	0	1	4	0	0	0	0	0	0	0	2	6
Unfinished Oil (net)	2,101	-180	1,921	149	808	46	-13	990	1,055	5,192	2,222	53	-251	8,271	-585	456	11,053
Motor Gasoline Blending Components (net)	1,066	-23	1,043	5	1,733	-418	-813	507	-820	3,403	1,389	-105	42	3,909	-493	1,158	6,124
Aviation Gasoline Blending Components (net)	-35	0	-35	0	-13	0	-71	-84	0	17	26	0	0	43	0	1	-75
Total Input to Refineries	43,896	4,824	48,720	1,885	71,062	8,263	31,295	112,505	16,209	103,164	72,970	6,686	2,739	201,768	12,949	72,009	447,951
Crude Oil Distillation																	
Gross Input (daily average)	1,363	161	1,524	61	2,122	275	974	3,432	504	2,920	2,139	211	92	5,865	434	2,239	13,494
Operable Capacity (daily average)	1,819	210	2,029	66	2,783	324	1,128	4,300	676	4,623	2,757	294	128	8,478	617	3,196	18,621
Operating Ratio (percent)[1]	74.9	76.9	75.1	91.9	76.3	85.0	86.3	79.8	74.6	63.2	77.6	71.6	71.8	69.2	70.3	70.1	72.5
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.05	.34	.98	54	.93	1.31	.68	.88	.46	.93	.87	1.58	1.08	.89	.94	.96	.91
API Gravity, Weighted Average	33.71	40.12	34.41	38.30	36.43	32.10	37.66	36.47	38.47	35.42	34.74	33.04	37.34	35.37	35.56	26.68	34.08

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, February 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	36,511	4,352	40,863	1,556	55,552	5,955	26,198	89,261	12,898	83,569	53,846	5,221	2,522	158,056	11,411	61,679	361,270
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	29	4	33	0	275	115	867	1,257	799	2,553	473	135	88	4,048	79	296	5,713
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	155	0	40	195	60	910	24	251	3	1,248	10	22	1,476
LPG and Ethane	87	43	130	138	2,163	496	1,123	3,920	428	1,308	1,373	117	32	3,258	433	756	8,497
Ethane	0	0	0	0	135	0	0	135	0	0	83	0	0	83	0	0	218
Propane	50	0	50	0	108	2	1	111	0	5	106	0	0	111	0	0	272
Normal Butane	0	37	37	78	674	372	348	1,472	154	506	675	25	6	1,366	131	236	3,242
Other Butanes	5	0	5	0	286	101	245	632	106	173	0	0	0	279	215	254	1,385
Butane-Propane Mixtures	0	0	0	0	7	0	0	7	0	141	1	0	16	158	0	88	253
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	32	6	38	60	953	21	529	1,563	168	483	508	92	10	1,261	87	178	3,127
Other Liquids																	
Other Hydrocarbons	47	16	63	0	158	0	7	165	16	187	185	0	0	388	50	349	1,015
Alcohol	0	0	0	0	2	0	1	3	0	0	0	0	0	0	0	0	3
Unfinished Oil (net)	650	-139	511	64	1,709	-11	736	2,498	595	4,792	205	151	-257	5,486	-399	-1,693	6,403
Motor Gasoline Blending Components (net)	1,476	24	1,500	6	597	5	-1,182	-574	-835	707	327	-3	-39	157	-167	-566	350
Aviation Gasoline Blending Components (net)	48	0	48	0	-11	0	-58	-69	0	43	63	0	0	106	0	26	111
Total Input to Refineries	38,848	4,301	43,149	1,764	60,600	6,560	27,732	96,656	13,961	94,069	56,496	5,872	2,349	172,747	11,417	60,869	384,838
Crude Oil Distillation																	
Gross Input (daily average)	1,335	156	1,491	63	2,046	225	954	3,287	495	3,037	1,936	200	93	5,761	413	2,249	13,201
Operable Capacity (daily average)	1,761	206	1,967	66	2,773	324	1,143	4,307	683	4,657	2,751	296	128	8,516	652	3,215	18,657
Operating Ratio (percent)[1]	75.8	75.7	75.8	95.1	73.8	69.4	83.4	76.3	72.5	65.2	70.4	67.6	72.1	67.6	63.3	70.0	70.8
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.00	.40	.94	.49	.85	1.37	.49	.77	.65	.85	.91	1.51	.45	.87	.82	.94	.86
API Gravity, Weighted Average	32.47	39.92	33.25	37.10	35.52	32.60	37.38	35.90	38.56	34.94	34.94	33.48	31.96	35.14	37.34	26.93	33.80

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, March 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	39,128	4,226	43,354	1,726	55,730	6,349	25,925	89,730	13,315	90,847	58,491	5,395	2,490	170,538	12,115	68,135	383,872
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	30	0	30	0	432	59	940	1,431	814	2,219	517	98	93	3,741	47	344	5,593
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	133	0	40	173	47	928	9	278	3	1,265	4	29	1,472
LPG and Ethane	174	34	208	110	2,285	181	924	3,500	369	1,365	1,201	143	34	3,112	385	748	7,953
Ethane	0	0	0	0	152	0	0	152	0	0	90	0	0	90	0	0	242
Propane	0	0	0	0	117	4	0	121	0	0	64	0	0	64	0	0	185
Normal Butane	116	25	141	53	498	120	167	838	79	613	597	49	5	1,343	82	135	2,539
Other Butanes	0	0	0	0	259	21	138	418	89	101	0	0	0	190	223	261	1,092
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	0	136	0	0	12	148	0	67	219
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	58	9	67	57	1,255	36	619	1,967	201	515	450	94	17	1,277	80	285	3,676
Other Liquids																	
Other Hydrocarbons	105	13	118	0	207	0	7	214	0	214	249	0	0	463	54	327	1,176
Alcohol	0	1	1	0	2	0	1	3	0	0	0	0	0	0	0	3	7
Unfinished Oil (net)	272	-48	224	35	2,072	-53	380	2,434	976	2,854	-64	44	-206	3,604	-863	-652	4,747
Motor Gasoline Blending Components (net)	-335	31	-304	-5	1,845	74	-838	1,076	-775	4,891	970	-15	-27	5,044	-276	1,453	6,993
Aviation Gasoline Blending Components (net)	-7	0	-7	0	36	0	-62	-26	0	-31	-12	0	0	-43	0	-4	-80
Total Input to Refineries	39,367	4,258	43,625	1,866	62,742	6,610	27,317	98,535	14,746	103,287	61,361	5,943	2,387	187,724	11,466	70,383	411,733
Crude Oil Distillation																	
Gross Input (daily average)	1,284	139	1,423	60	1,869	210	850	2,989	464	2,948	1,909	185	81	5,587	395	2,232	12,626
Operable Capacity (daily average)	1,761	206	1,967	66	2,771	324	1,143	4,305	682	4,657	2,751	298	128	8,516	652	3,215	18,656
Operating Ratio (percent)[1]	73.0	67.4	72.4	91.4	67.4	64.7	74.4	69.4	68.1	63.3	69.4	62.1	63.3	65.6	60.5	69.4	67.7
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.09	.39	1.02	.56	.90	1.57	.50	.83	.51	.79	.97	1.49	.45	.85	.72	.99	.88
API Gravity, Weighted Average	32.64	39.72	33.32	33.00	35.45	31.82	37.24	35.66	39.22	36.02	34.99	33.10	31.69	35.76	36.79	26.07	33.77

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, April 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	34,685	3,898	38,583	1,522	51,326	6,413	24,193	83,454	13,210	86,611	61,997	5,185	1,950	168,953	10,988	60,738	362,716
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	0	5	5	0	485	78	911	1,474	894	2,133	313	92	96	3,528	65	338	5,410
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	170	0	39	209	52	877	11	248	2	1,190	106	7	1,513
LPG and Ethane	139	26	165	68	1,942	290	870	3,170	264	1,151	1,275	109	28	2,827	235	526	6,923
Ethane	0	0	0	0	139	0	0	139	0	0	82	0	0	82	0	0	221
Propane	0	0	0	0	144	5	2	151	0	0	41	0	0	41	0	0	192
Normal Butane	111	17	128	24	625	182	118	949	45	392	586	22	0	1,045	14	46	2,182
Other Butanes	0	0	0	0	221	71	177	469	41	75	0	0	0	116	146	214	945
Butane-Propane Mixtures	0	0	0	0	5	0	0	5	0	20	0	0	10	30	0	54	89
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	28	9	37	44	808	32	573	1,457	178	664	566	87	18	1,513	75	212	3,294
Other Liquids																	
Other Hydrocarbons	80	22	102	0	188	0	0	188	0	285	237	0	0	522	20	361	1,193
Alcohol	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	3	6
Unfinished Oil (net)	147	218	365	38	1,455	-45	700	2,148	80	2,827	1,359	51	-112	4,205	-820	1,565	7,463
Motor Gasoline Blending Components (net)	1,255	-94	1,161	-12	2,073	-41	103	2,123	-22	2,575	-21	93	-6	2,619	420	334	6,657
Aviation Gasoline Blending Components (net)	7	0	7	0	-115	0	-65	-180	-28	5	-37	0	0	-60	0	-9	-242
Total Input to Refineries	36,313	4,076	40,389	1,616	57,524	6,695	26,751	92,586	14,450	96,467	65,134	5,778	1,958	183,787	11,014	63,863	391,639
Crude Oil Distillation																	
Gross Input (daily average)	1,177	131	1,308	54	1,759	224	816	2,853	470	2,885	2,090	183	66	5,695	369	2,057	12,282
Operable Capacity (daily average)	1,761	206	1,967	66	2,770	324	1,143	4,304	682	4,657	2,751	298	128	8,516	675	3,222	18,684
Operating Ratio (percent)[1]	66.9	63.5	66.5	82.2	63.5	69.0	71.4	66.3	69.0	61.9	76.0	61.6	51.3	66.9	54.7	63.9	65.7
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.05	.44	.99	.66	.87	1.55	.49	.80	.57	.77	.84	1.33	.49	.80	.67	1.01	.85
API Gravity, Weighted Average	33.02	36.87	33.42	32.10	36.27	32.54	37.24	36.20	38.60	36.01	34.73	33.16	36.41	35.66	36.84	26.54	34.02

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, May 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	31,572	3,775	35,347	1,611	53,497	7,045	26,822	88,975	13,391	93,954	64,292	4,728	2,633	178,998	12,480	65,783	381,583
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	33	1	34	0	480	60	802	1,342	788	2,083	358	129	83	3,441	61	369	5,247
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	118	0	37	155	58	1,062	5	290	1	1,416	65	17	1,653
LPG and Ethane	74	26	100	47	1,833	213	819	2,912	203	1,013	1,664	102	22	3,004	261	552	6,829
Ethane	0	0	0	0	157	0	0	157	0	22	88	0	0	110	0	0	267
Propane	0	1	1	0	109	2	1	112	0	0	48	0	0	48	0	0	161
Normal Butane	68	14	82	0	110	125	127	362	30	318	657	14	0	1,019	30	39	1,532
Other Butanes	0	0	0	0	198	45	153	396	30	53	25	0	0	108	169	180	853
Butane-Propane Mixtures	0	0	0	0	3	0	0	3	0	87	0	0	5	92	0	52	147
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	6	11	17	47	1,256	41	538	1,882	143	533	846	88	17	1,627	62	281	3,869
Other Liquids																	
Other Hydrocarbons	41	8	49	0	677	0	0	677	0	692	208	0	0	900	33	383	2,042
Alcohol	0	0	0	0	0	0	1	1	0	4	0	0	0	4	0	3	8
Unfinished Oil (net)	-503	277	-226	-39	661	29	50	701	-481	4,316	-571	96	-71	3,289	-591	606	3,779
Motor Gasoline Blending Components (net)	1,224	158	1,382	18	1,115	85	-435	783	155	1,649	988	38	-25	2,805	25	757	5,752
Aviation Gasoline Blending Components (net)	-2	0	-2	0	-53	0	-31	-84	-20	27	1	0	0	8	0	14	-64
Total Input to Refineries	32,439	4,245	36,684	1,637	58,328	7,432	28,065	95,462	14,094	104,800	66,945	5,383	2,643	193,865	12,334	68,484	406,829
Crude Oil Distillation																	
Gross Input (daily average)	1,037	124	1,161	53	1,784	235	877	2,949	459	3,061	2,079	165	88	5,853	407	2,188	12,558
Operable Capacity (daily average)	1,761	206	1,967	66	2,770	324	1,143	4,304	682	4,657	2,765	298	128	8,530	675	3,222	18,697
Operating Ratio (percent)[1]	58.9	60.2	59.0	81.0	64.4	72.5	76.7	68.5	67.3	65.7	75.2	55.3	68.7	68.6	60.4	67.9	67.2
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.26	.30	1.16	.70	.93	1.48	.45	.83	.60	.82	.87	1.41	.52	.83	.86	.95	.88
API Gravity, Weighted Average	31.29	40.05	32.21	37.40	35.33	31.99	37.64	35.79	38.27	35.91	34.80	33.38	29.64	35.52	36.09	26.36	33.71

[1] Represents gross input divided by operable capacity

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, June 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	35,074	3,365	38,439	1,354	50,883	6,567	25,432	84,236	13,946	88,864	57,858	4,812	2,552	168,032	13,442	68,288	372,437
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	33	2	35	0	399	227	906	1,532	897	1,929	409	146	74	3,455	64	320	5,406
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	232	0	40	272	48	986	25	281	0	1,340	5	19	1,637
LPG and Ethane	261	3	264	60	1,558	193	823	2,634	281	1,159	1,671	102	27	3,240	307	659	7,104
Ethane	0	0	0	0	145	0	0	145	0	6	154	0	0	160	0	0	305
Propane	0	1	1	0	82	5	0	87	0	0	87	0	0	87	0	0	175
Normal Butane	74	1	75	25	607	114	118	864	19	229	415	14	2	679	33	31	1,682
Other Butanes	0	0	0	0	104	37	137	278	76	61	27	0	0	164	205	327	974
Butane-Propane Mixtures	0	0	0	0	7	0	0	7	0	106	9	0	9	124	0	65	196
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	187	1	188	35	613	37	568	1,253	186	757	979	88	16	2,026	69	236	3,772
Other Liquids																	
Other Hydrocarbons	84	15	99	0	197	0	0	197	0	783	270	0	0	1,053	76	553	1,978
Alcohol	0	0	0	0	0	0	1	1	0	5	0	0	0	5	0	4	10
Unfinished Oil (net)	2,240	-31	2,209	-40	773	-146	1,333	1,920	1,007	1,803	-1,070	122	-232	1,630	-429	2,736	8,066
Motor Gasoline Blending Components (net)	-472	50	-422	1	847	35	-255	628	-505	1,880	2,109	11	0	3,495	486	-1,554	2,633
Aviation Gasoline Blending Components (net)	2	0	2	0	54	0	-39	15	-54	-11	5	0	0	-60	0	-7	-50
Total Input to Refineries	37,222	3,405	40,627	1,375	54,943	6,876	28,241	91,435	15,620	97,398	61,277	5,474	2,421	182,190	13,951	71,018	399,221
Crude Oil Distillation																	
Gross Input (daily average)	1,201	112	1,314	47	1,756	231	852	2,886	500	2,984	1,985	172	87	5,727	453	2,349	12,729
Operable Capacity (daily average)	1,761	206	1,967	66	2,770	324	1,143	4,304	679	4,657	2,765	298	128	8,527	675	3,222	18,695
Operating Ratio (percent)[1]	68.2	54.4	66.8	71.4	63.4	71.2	74.5	67.1	73.6	64.1	71.8	57.7	67.5	67.2	67.1	72.9	68.1
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.07	.32	1.00	.45	.91	1.62	.54	.84	.64	.78	.75	1.66	.20	.78	.78	.94	.85
API Gravity, Weighted Average	32.50	39.14	33.13	34.30	36.12	31.28	37.03	35.99	37.98	35.72	34.80	32.40	31.19	35.42	35.70	26.96	33.71

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, July 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	36,314	3,644	39,958	1,713	54,205	7,193	25,963	89,074	15,493	88,592	59,140	4,664	2,615	170,504	14,065	66,482	380,083
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	28	0	28	0	403	241	915	1,559	881	2,420	504	149	109	4,063	38	305	5,993
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	259	0	36	295	56	1,000	2	330	1	1,389	36	0	1,720
LPG and Ethane	232	1	233	98	1,541	195	751	2,585	408	984	1,439	115	35	2,981	301	566	6,666
Ethane	0	0	0	0	118	0	0	118	0	0	156	0	0	156	0	0	274
Propane	0	1	1	0	55	5	2	62	0	0	45	0	0	45	0	0	108
Normal Butane	0	0	0	25	718	115	109	967	38	199	477	19	0	733	36	43	1,779
Other Butanes	0	0	0	0	50	38	94	182	83	38	3	0	0	124	190	220	716
Butane-Propane Mixtures	0	0	0	0	7	0	0	7	0	110	0	0	6	116	0	60	183
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	232	0	232	73	593	37	546	1,249	287	637	758	96	29	1,807	75	243	3,606
Other Liquids																	
Other Hydrocarbons	96	9	105	0	191	0	0	191	0	501	256	0	0	757	80	397	1,530
Alcohol	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	4	5
Unfinished Oil (net)	2,497	-226	2,271	37	1,125	-14	378	1,526	929	-1,542	787	90	-1	263	-467	2,671	6,264
Motor Gasoline Blending Components (net)	1,513	36	1,549	-3	1,010	157	-233	931	-610	3,802	2,786	17	-70	5,925	447	264	9,116
Aviation Gasoline Blending Components (net)	0	0	0	0	23	0	0	23	-117	-15	-6	0	0	-138	0	1	-114
Total Input to Refineries	40,680	3,464	44,144	1,845	58,757	7,772	27,811	96,185	17,040	95,742	64,908	5,365	2,689	185,744	14,500	70,690	411,263
Crude Oil Distillation																	
Gross Input (daily average)	1,199	120	1,319	60	1,788	244	845	2,936	529	2,925	1,952	163	89	5,658	456	2,200	12,569
Operable Capacity (daily average)	1,761	163	1,924	66	2,771	324	1,153	4,314	679	4,657	2,765	292	128	8,522	675	3,222	18,656
Operating Ratio (percent)[1]	68.1	73.6	68.6	90.3	64.5	75.3	73.2	68.1	77.8	62.8	70.6	55.9	69.7	66.4	67.6	68.3	67.4
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.10	.35	1.04	.50	.71	1.50	.47	.70	.59	.82	.79	1.48	.19	.80	.83	.95	.83
API Gravity, Weighted Average	31.86	38.68	32.45	37.70	36.34	31.94	37.26	36.28	38.34	36.69	34.91	32.41	30.59	35.99	35.97	26.55	34.01

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, August 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	38,647	3,945	42,592	1,785	55,978	7,618	29,545	94,926	15,400	91,805	63,905	4,953	2,538	178,601	14,173	69,863	400,155
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	27	1	28	0	441	244	1,052	1,737	763	1,981	427	159	120	3,450	88	317	5,620
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	109	0	36	145	62	875	9	330	0	1,276	74	22	1,517
LPG and Ethane	246	6	252	96	1,757	233	935	3,021	426	1,153	1,514	125	34	3,252	297	455	7,277
Ethane	0	0	0	0	117	0	0	117	0	20	83	0	0	103	0	0	220
Propane	0	2	2	0	55	5	7	67	0	0	49	0	0	49	3	0	121
Normal Butane	0	2	2	37	766	134	197	1,134	47	197	618	32	0	894	44	33	2,107
Other Butanes	0	0	0	0	46	59	96	201	94	59	2	0	0	155	183	170	709
Butane-Propane Mixtures	0	0	0	0	6	0	0	6	0	135	1	0	11	147	0	27	180
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	246	2	248	59	767	35	635	1,496	285	742	761	93	23	1,904	67	225	3,940
Other Liquids																	
Other Hydrocarbons	86	13	99	0	293	0	0	293	0	294	263	0	0	557	58	334	1,341
Alcohol	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	5	7
Unfinished Oil (net)	2,141	-82	2,059	1	1,382	-9	-172	1,202	816	4,175	1,688	61	-14	6,726	-525	398	9,860
Motor Gasoline Blending Components (net)	629	-30	599	-8	1,016	-44	-610	354	-757	579	1,437	-51	-42	1,166	237	385	2,741
Aviation Gasoline Blending Components (net)	0	0	0	0	4	0	0	4	-112	-14	-14	0	0	-140	0	-7	-143
Total Input to Refineries	41,776	3,853	45,629	1,874	60,980	8,042	30,787	101,683	16,599	100,848	69,229	5,577	2,636	194,889	14,402	71,772	428,375
Crude Oil Distillation																	
Gross Input (daily average)	1,281	129	1,410	61	1,851	260	959	3,130	529	2,999	2,107	174	89	5,898	464	2,297	13,199
Operable Capacity (daily average)	1,761	163	1,924	66	2,771	324	1,153	4,314	709	4,657	2,765	292	128	8,552	674	3,222	18,685
Operating Ratio (percent)[1]	72.8	79.3	73.3	92.0	66.8	80.1	83.2	72.6	74.6	64.4	76.2	59.4	69.5	69.0	68.8	71.3	70.6
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.15	.28	1.06	.62	.85	1.67	.50	.80	.60	.86	.87	1.80	.20	.86	.85	.91	.88
API Gravity, Weighted Average	32.69	39.51	33.33	37.00	35.59	30.53	37.16	35.70	38.40	35.68	34.66	31.42	30.71	35.37	36.23	26.54	33.70

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, September 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	34,742	4,047	38,789	1,588	54,803	6,397	27,620	90,408	14,898	80,658	64,512	4,559	2,215	166,842	13,221	65,893	375,153
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	23	1	24	0	579	296	1,027	1,902	619	1,889	447	141	122	3,218	72	298	5,514
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	200	0	34	234	60	1,017	3	335	1	1,416	61	32	1,743
LPG and Ethane	390	34	424	85	1,840	247	1,071	3,243	578	1,324	1,986	158	35	4,081	349	519	8,616
Ethane	0	0	0	0	132	0	0	132	0	0	81	0	0	81	0	0	213
Propane	0	2	2	0	78	3	1	82	0	0	47	0	0	47	1	0	132
Normal Butane	151	25	176	30	916	159	349	1,454	145	409	1,042	61	2	1,659	58	34	3,381
Other Butanes	0	0	0	0	93	52	112	257	84	145	4	0	0	233	211	228	929
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	14	114	0	0	10	138	0	33	172
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	239	7	246	55	620	33	609	1,317	335	656	812	97	23	1,923	79	224	3,789
Other Liquids																	
Other Hydrocarbons	117	26	143	0	300	0	0	300	0	702	170	0	0	872	81	561	1,957
Alcohol	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Unfinished Oil (net)	3,368	92	3,460	35	-98	-140	820	617	928	10,191	76	65	-3	11,257	-959	116	14,491
Motor Gasoline Blending Components (net)	1,180	-21	1,159	7	897	-48	-702	154	-792	1,252	1,402	-22	-40	1,800	-78	-132	2,903
Aviation Gasoline Blending Components (net)	0	0	0	0	35	0	0	35	-176	5	35	0	0	-136	0	-9	-110
Total Input to Refineries	39,820	4,179	43,999	1,715	58,556	6,752	29,871	96,894	16,115	97,038	68,631	5,236	2,330	189,350	12,747	67,278	410,268
Crude Oil Distillation																	
Gross Input (daily average)	1,175	135	1,310	57	1,871	228	930	3,087	528	2,683	2,209	166	76	5,661	448	2,233	12,740
Operable Capacity (daily average)	1,761	163	1,924	66	2,751	300	1,153	4,270	710	4,657	2,765	292	128	8,552	668	3,222	18,636
Operating Ratio (percent)[1]	66.7	82.9	68.1	86.3	68.0	76.0	80.7	72.3	74.4	57.6	79.9	56.7	58.9	66.2	67.1	69.3	68.4
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.11	.38	1.04	.79	.92	1.50	.54	.85	.66	.90	.86	1.50	.21	.87	.81	.96	.90
API Gravity, Weighted Average	32.72	39.16	33.39	37.3	35.24	31.63	37.03	35.56	38.31	35.40	34.48	33.28	29.81	35.17	35.58	26.69	33.61

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, October 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	37,531	3,913	41,444	1,700	52,360	7,263	27,325	88,648	15,350	76,939	66,074	4,282	2,316	164,961	12,113	66,606	373,772
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	19	0	19	0	761	410	991	2,162	873	2,024	413	215	132	3,657	107	280	6,225
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	124	0	36	160	74	924	0	310	1	1,309	63	10	1,542
LPG and Ethane	284	55	339	74	2,189	385	1,268	3,916	729	1,442	2,140	64	49	4,424	421	811	9,911
Ethane	0	0	0	0	120	0	9	129	0	0	77	0	0	77	0	0	206
Propane	0	0	0	0	70	0	1	71	0	0	43	0	0	43	1	0	115
Normal Butane	127	48	175	18	933	267	557	1,775	258	850	1,186	6	8	2,308	114	139	4,511
Other Butanes	0	0	0	0	125	71	146	342	115	189	1	0	0	305	234	335	1,216
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	1	130	2	0	24	157	6	18	182
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	157	7	164	56	940	47	555	1,598	355	273	831	58	17	1,534	66	319	3,681
Other Liquids																	
Other Hydrocarbons	114	12	126	0	287	0	0	287	0	630	210	0	0	840	127	597	1,977
Alcohol	0	0	0	0	0	0	1	1	0	3	0	0	0	3	0	0	4
Unfinished Oil (net)	-343	179	-164	-13	-542	-212	843	76	493	3,880	102	189	61	4,725	190	1,613	6,440
Motor Gasoline Blending Components (net)	1,700	49	1,749	-6	994	-69	177	1,096	-804	2,723	2,732	-34	-63	4,554	56	-1,364	6,091
Aviation Gasoline Blending Components (net)	0	0	0	0	-50	0	-7	-57	-133	-17	-68	0	0	-218	0	-5	-280
Total Input to Refineries	39,305	4,208	43,513	1,755	56,123	7,777	30,634	96,289	16,582	88,548	71,603	5,026	2,496	184,255	13,077	68,548	405,682
Crude Oil Distillation																	
Gross Input (daily average)	1,221	127	1,348	57	1,734	253	891	2,936	521	2,549	2,176	151	83	5,480	397	2,192	12,352
Operable Capacity (daily average)	1,732	163	1,895	66	2,573	300	1,153	4,093	688	4,655	2,810	292	123	8,568	672	3,215	18,442
Operating Ratio (percent)[1]	70.5	77.8	71.1	86.9	67.4	84.1	77.3	71.7	75.8	54.7	77.5	51.6	67.4	64.0	59.0	68.2	67.0
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.11	.31	1.04	.79	.87	1.69	.53	.83	.65	.88	.85	1.61	.18	.85	.85	.94	.88
API Gravity, Weighted Average	32.09	39.05	32.74	37.30	35.68	30.71	37.20	35.77	38.32	35.51	34.30	31.96	29.74	35.11	36.13	26.65	33.52

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, November 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	37,117	4,119	41,236	1,657	52,857	7,348	26,099	87,961	14,341	76,263	61,356	4,460	2,345	158,765	13,903	65,335	367,200
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	11	0	11	0	438	243	822	1,503	916	1,916	335	132	109	3,408	113	257	5,292
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	1	1	0	131	0	31	162	75	550	0	253	1	879	52	16	1,110
LPG and Ethane	397	84	481	122	2,642	486	1,456	4,706	702	1,809	2,274	97	71	4,953	465	877	11,482
Ethane	0	0	0	0	161	0	0	161	0	119	33	0	0	152	5	0	318
Propane	0	0	0	0	143	0	3	146	0	0	18	0	0	18	1	0	165
Normal Butane	205	74	279	65	1,365	384	708	2,522	274	1,160	1,309	28	15	2,786	117	154	5,858
Other Butanes	0	0	0	0	170	64	162	396	126	148	0	0	0	274	263	476	1,409
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	0	149	0	0	42	191	3	35	229
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	192	10	202	57	803	38	583	1,481	302	233	914	69	14	1,532	76	212	3,503
Other Liquids																	
Other Hydrocarbons	117	13	130	0	478	0	0	478	10	290	242	0	0	542	75	316	1,541
Alcohol	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Unfinished Oil (net)	1,737	87	1,824	10	1,943	1	1,244	3,198	590	2,935	3,633	147	-6	7,299	-380	550	12,491
Motor Gasoline Blending Components (net)	1,584	40	1,624	16	1,749	-186	-371	1,208	-1,130	1,575	900	31	-9	1,367	-442	-680	3,077
Aviation Gasoline Blending Components (net)	0	0	0	0	23	0	1	24	-23	-29	30	0	0	-22	0	13	15
Total Input to Refineries	40,963	4,344	45,307	1,805	60,261	7,892	29,283	99,241	15,481	85,309	68,770	5,120	2,511	177,191	13,786	66,684	402,209
Crude Oil Distillation																	
Gross Input (daily average)	1,263	139	1,402	60	1,822	261	882	3,026	503	2,601	2,098	160	87	5,450	471	2,236	12,584
Operable Capacity (daily average)	1,732	163	1,895	66	2,523	300	1,153	4,042	688	4,712	2,810	292	123	8,626	671	3,215	18,449
Operating Ratio (percent)[1]	72.9	85.1	74.0	90.4	72.2	87.0	76.5	74.8	73.2	55.2	74.7	54.8	71.0	63.2	70.2	69.6	68.2
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.07	37	1 00	1 08	90	1 62	.50	.84	66	.97	.87	.94	.20	.89	.74	.96	.90
API Gravity, Weighted Average	32.09	39.60	32 83	35 60	35.39	31 07	1 07	.37	1 00	1.08	.90	1.62	.50	.84	.66	.97	.87

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding

Source: See Explanatory Notes on Data Collection and Estimation.

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, December 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	36,703	4,033	40,736	1,827	55,877	7,384	27,194	92,282	14,526	85,365	63,624	5,162	2,462	171,139	13,966	64,689	382,812
Natural Gas Plant Liquids																	
Natural Gasoline and Isopentane	27	1	28	0	417	141	937	1,495	754	1,789	427	111	130	3,211	85	246	5,065
Unfractionated Stream	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	3
Plant Condensate	0	0	0	0	126	0	15	141	76	658	0	255	2	991	32	15	1,179
LPG and Ethane	390	74	464	155	3,023	486	1,637	5,301	816	2,366	2,315	142	69	5,708	628	1,173	13,274
Ethane	0	0	0	0	0	0	0	0	0	188	92	0	0	280	5	0	285
Propane	0	2	2	0	69	0	2	71	0	0	49	0	0	49	1	0	123
Normal Butane	278	65	343	89	1,596	378	991	3,054	310	1,648	1,683	57	18	3,716	281	419	7,813
Other Butanes	0	0	0	0	287	50	148	485	116	243	7	0	0	366	291	384	1,526
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	10	113	1	0	33	157	0	103	260
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	112	7	119	66	1,071	58	496	1,691	380	174	483	85	18	1,140	50	267	3,267
Other Liquids																	
Other Hydrocarbons	118	20	138	0	286	0	0	286	6	341	225	0	0	572	52	329	1,377
Alcohol	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Unfinished Oil (net)	2,348	231	2,579	-51	2,106	52	509	2,616	605	4,185	2,478	27	99	7,394	-791	1,416	13,214
Motor Gasoline Blending Components (net)	442	38	480	-13	1,384	87	-224	1,234	-1,034	2,170	1,683	86	50	2,955	-210	-105	4,354
Aviation Gasoline Blending Components (net)	0	0	0	0	44	0	0	44	-77	-49	-117	0	0	-243	0	-25	-224
Total Input to Refineries	40,028	4,397	44,425	1,918	63,263	8,150	30,069	103,400	15,673	96,828	70,635	5,783	2,812	191,731	13,762	67,738	421,056
Crude Oil Distillation																	
Gross Input (daily average)	1,224	132	1,356	64	1,866	254	892	3,076	497	2,790	2,127	177	88	5,680	458	2,134	12,704
Operable Capacity (daily average)	1,732	163	1,895	66	2,523	300	1,153	4,042	688	4,657	2,781	292	123	8,541	671	3,215	18,364
Operating Ratio (percent)[1]	70.7	80.8	71.5	96.9	74.0	84.8	77.4	76.1	72.3	59.9	76.5	60.7	71.7	66.5	68.2	66.4	69.2
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.04	.34	.97	1.09	.84	1.53	.48	.80	.63	.95	.84	1.47	.29	.89	.73	.97	.88
API Gravity, Weighted Average	32.44	39.90	33.17	36.30	35.64	31.56	37.34	35.84	38.33	35.05	34.08	31.85	30.37	34.80	36.56	26.41	33.50

[1] Represents gross input divided by operable capacity.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, January 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,285	129	1,414	28	1,904	191	575	2,698	292	2,557	1,744	94	29	4,716	183	1,029	10,040
For Petrochemical Feedstock Use	269	0	269	0	300	0	79	379	13	1,558	329	7	4	1,911	-13	241	2,787
For Other Uses	1,016	129	1,145	28	1,604	191	496	2,319	279	999	1,415	87	25	2,805	196	788	7,253
Ethane	0	0	0	0	0	0	0	0	0	169	71	0	0	240	0	15	255
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	169	59	0	0	228	0	15	243
For Other Uses	0	0	0	0	0	0	0	0	0	0	12	0	0	12	0	0	12
Propane	1,128	98	1,226	28	1,775	180	643	2,626	260	2,062	1,382	76	15	3,795	151	900	8,698
For Petrochemical Feedstock Use	179	0	179	0	300	0	79	379	0	1,172	181	0	0	1,353	3	233	2,147
For Other Uses	949	98	1,047	28	1,475	180	564	2,247	260	890	1,201	76	15	2,442	148	667	6,551
Butane	135	31	166	0	129	11	-8	132	14	187	178	15	-3	391	56	54	799
For Petrochemical Feedstock Use	90	0	90	0	0	0	0	0	0	111	70	7	0	188	2	-7	273
For Other Uses	45	31	76	0	129	11	-8	132	14	76	108	8	-3	203	54	61	526
Butane-Propane Mixtures	22	0	22	0	0	0	-60	-60	5	37	94	3	17	156	-6	60	172
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	4	0	0	4	8	0	0	8
For Other Uses	22	0	22	0	0	0	-60	-60	5	33	94	3	13	148	-6	60	164
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	13	102	19	0	0	134	-18	0	116
Finished Motor Gasoline	19,276	1,926	21,202	1,118	39,473	4,397	17,549	62,537	7,847	41,553	34,164	2,078	1,027	86,669	6,503	30,944	207,855
Finished Leaded Motor Gasoline	9,024	960	9,984	696	19,689	2,502	11,225	34,112	4,360	18,847	18,005	1,525	646	43,383	4,327	14,526	106,332
Finished Unleaded Motor Gasoline	10,252	965	11,217	422	19,743	1,895	6,316	28,376	3,477	22,706	16,159	553	381	43,276	2,167	16,397	101,433
Gasohol	0	1	1	0	41	0	8	49	10	0	0	0	0	10	9	21	90
Finished Aviation Gasoline	3	0	3	0	116	0	23	139	4	275	242	0	0	521	32	183	878
Naphtha-Type Jet Fuel	468	72	540	0	246	147	524	917	396	532	596	138	308	1,970	352	1,335	5,114
Kerosene-Type Jet Fuel	1,356	113	1,469	0	2,946	149	1,109	4,204	579	4,758	6,241	23	22	11,623	485	6,755	24,536
Kerosene	269	133	402	68	1,114	28	7	1,217	23	1,580	2,093	0	61	3,757	93	207	5,676
Distillate Fuel Oil	10,642	1,160	11,802	371	14,683	1,959	8,516	25,529	3,558	22,102	13,299	1,742	704	41,405	3,349	10,549	92,634
Distillate Fuel Oil Less No 4	10,728	1,126	11,854	371	14,617	1,953	8,516	25,457	3,488	21,460	13,173	1,595	580	40,296	3,338	10,401	91,346
No. 4 Fuel Oil	-86	34	-52	0	66	6	0	72	70	642	126	147	124	1,109	11	148	1,288
Residual Fuel Oil	7,303	515	7,818	162	3,710	535	1,398	5,805	926	10,448	6,828	1,013	415	19,630	645	16,079	49,977
Naphtha < 400 Deg For Petro Feed Use	402	0	402	0	426	0	97	523	411	5,316	1,308	48	0	7,083	14	160	8,182
Other Oils > 400 Deg. For Petro Feed Use	12	71	83	0	1,460	0	0	1,460	555	7,167	1,205	66	0	8,993	0	267	10,803
Special Naphthas	64	37	101	0	305	0	137	442	165	1,066	-116	337	0	1,452	29	329	2,353
Lubricants	444	325	769	0	506	0	324	830	36	2,018	638	156	0	2,848	11	531	4,989
Bright Stock	40	138	178	0	40	0	24	64	0	196	45	0	0	241	2	43	528
Neutral	309	186	495	0	349	0	186	535	0	994	579	70	0	1,643	8	352	3,033
Other Grades	95	1	96	0	117	0	114	231	36	828	14	86	0	964	1	136	1,428
Wax	18	75	93	0	23	0	24	47	108	161	87	29	0	385	0	86	611
Microcrystalline	6	22	28	0	0	0	17	17	108	14	1	29	0	152	0	0	197
Crystalline--Fully Refined	12	9	21	0	20	0	2	22	0	67	85	0	0	152	0	51	246
Crystalline--Other	0	44	44	0	3	0	5	8	0	80	1	0	0	81	0	35	168
Petroleum Coke	1,180	30	1,210	20	1,729	305	1,122	3,176	299	2,053	1,634	76	14	4,076	334	3,673	12,469
Marketable	515	0	515	0	791	203	605	1,599	57	842	850	51	0	1,800	175	2,903	6,992
Catalyst	665	30	695	20	938	102	517	1,577	242	1,211	784	25	14	2,276	159	770	5,477
Asphalt	955	76	1,031	100	2,342	497	631	3,570	462	518	895	788	82	2,745	620	1,512	9,478
Road Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26
Still Gas	1,836	153	1,989	0	2,936	958	1,323	5,217	461	4,306	2,597	183	62	7,609	581	2,745	18,141
For Petrochemical Feedstock Use	51	0	51	0	152	0	0	152	19	611	95	0	0	725	2	8	938
For Other Uses	1 785	153	1 938	0	2,784	958	1,323	5,065	442	3,695	2,502	183	62	6,884	579	2,737	17,203
Miscellaneous Products	284	33	317	3	133	19	54	209	385	1,670	368	26	0	2,449	23	197	3,195
Total Output	45,797	4 848	50,645	1 870	74 052	9,185	33,413	118 520	16 507	108,080	73,823	6,797	2,724	207,931	13,254	76,607	466 957
Processing Gain(-) or Loss(+)[1]	-1 901	-24	-1 925	15	-2 990	-922	2,118	-6 015	-298	-4,916	-853	-111	15	-6,163	-305	-4,598	19 006

[1] Represents the arithmetic difference between input and output

Notes Total may not equal sum of components due to independent rounding

See Explanatory Notes on negative product yield

Source See Explanatory Notes on Data Collection and Estimation

Table 14. Refinery Production of Petroleum Products by PAD District, February 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,206	125	1,331	35	1,791	195	648	2,669	277	2,243	1,487	79	23	4,109	121	1,078	9,308
For Petrochemical Feedstock Use	384	0	384	0	238	0	91	329	10	1,330	253	11	3	1,607	-13	207	2,514
For Other Uses	822	125	947	35	1,553	195	557	2,340	267	913	1,234	68	20	2,502	134	871	6,794
Ethane	0	0	0	0	0	0	0	0	0	122	58	0	0	180	0	11	191
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	122	43	0	0	165	0	11	176
For Other Uses	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0	15
Propane	997	97	1,094	35	1,736	184	619	2,574	232	1,845	957	58	12	3,104	125	782	7,679
For Petrochemical Feedstock Use	239	0	239	0	238	0	89	327	0	1,005	145	0	0	1,150	2	207	1,925
For Other Uses	758	97	855	35	1,498	184	530	2,247	232	840	812	58	12	1,954	123	575	5,754
Butane	209	28	237	0	55	11	29	95	27	176	81	19	-5	298	9	251	890
For Petrochemical Feedstock Use	145	0	145	0	0	0	2	2	0	136	38	11	0	185	-2	-11	319
For Other Uses	64	28	92	0	55	11	27	93	27	40	43	8	-5	113	11	262	571
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	8	36	364	2	16	426	0	34	460
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	3	0	0	3	6	0	0	6
For Other Uses	0	0	0	0	0	0	0	0	8	33	364	2	13	420	0	34	454
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	10	64	27	0	0	101	-13	0	88
Finished Motor Gasoline	17,746	1,788	19,534	1,074	32,896	4,001	15,108	53,079	6,514	38,038	25,208	1,924	879	72,563	5,934	25,147	176,257
Finished Leaded Motor Gasoline	8,648	950	9,598	552	16,534	2,416	9,370	28,872	3,605	16,974	12,775	1,457	596	35,407	4,090	12,504	90,471
Finished Unleaded Motor Gasoline	9,098	837	9,935	522	16,330	1,585	5,729	24,166	2,904	21,064	12,433	467	283	37,151	1,843	12,615	85,710
Gasohol	0	1	1	0	32	0	9	41	5	0	0	0	0	5	1	28	76
Finished Aviation Gasoline	12	0	12	0	19	0	25	44	9	218	148	0	0	375	35	166	632
Naphtha-Type Jet Fuel	526	48	574	0	261	85	385	731	417	558	344	123	222	1,664	332	1,527	4,828
Kerosene-Type Jet Fuel	1,501	100	1,601	0	3,092	92	757	3,941	537	4,037	5,294	29	31	9,928	462	5,796	21,728
Kerosene	325	111	436	68	633	0	6	707	55	1,637	1,360	2	53	3,107	40	193	4,483
Distillate Fuel Oil	8,372	1,051	9,423	328	11,932	1,397	6,699	20,356	3,212	22,271	9,780	1,502	656	37,421	2,883	8,552	78,635
Distillate Fuel Oil Less No. 4	8,372	1,023	9,395	328	11,907	1,388	6,699	20,322	3,163	22,173	9,801	1,376	538	37,051	2,874	8,615	78,257
No. 4 Fuel Oil	0	28	28	0	25	9	0	34	49	98	-21	126	118	370	9	-63	378
Residual Fuel Oil	6,291	347	6,638	190	3,881	338	1,215	5,624	798	9,347	5,645	751	314	16,855	458	14,240	43,815
Naphtha < 400 Deg. For Petro. Feed. Use	298	0	298	0	422	0	51	473	311	4,002	1,358	10	0	5,681	8	61	6,521
Other Oils > 400 Deg. For Petro. Feed. Use	7	70	77	0	1,295	0	10	1,305	415	5,652	2,323	21	0	8,411	0	217	10,010
Special Naphthas	56	37	93	0	294	0	138	432	177	1,126	104	274	0	1,681	22	384	2,612
Lubricants	393	319	712	0	463	0	409	872	22	1,995	650	169	0	2,836	26	436	4,882
Bright Stock	23	119	142	0	7	0	55	62	0	135	42	0	0	177	5	44	430
Neutral	183	208	391	0	327	0	264	591	0	889	564	78	0	1,531	17	276	2,806
Other Grades	187	-8	179	0	129	0	90	219	22	971	44	91	0	1,128	4	116	1,646
Wax	20	61	81	0	24	0	32	56	57	115	89	20	0	281	6	82	506
Microcrystalline	3	16	19	0	0	0	18	18	57	19	4	20	0	100	0	0	137
Crystalline--Fully Refined	9	8	17	0	23	0	8	31	0	60	85	0	0	145	6	46	245
Crystalline--Other	8	37	45	0	1	0	6	7	0	36	0	0	0	36	0	36	124
Petroleum Coke	967	26	993	18	1,804	253	984	3,059	255	2,152	1,092	64	13	3,576	300	2,271	10,199
Marketable	361	0	361	0	979	161	581	1,721	54	912	623	40	0	1,629	165	1,576	5,452
Catalyst	606	26	632	18	825	92	403	1,338	201	1,240	469	24	13	1,947	135	695	4,747
Asphalt	821	88	909	38	1,402	336	634	2,410	462	588	727	723	80	2,580	469	1,013	7,381
Road Oil	0	0	0	0	-5	0	0	-5	0	0	0	0	0	0	0	2	-3
Still Gas	1,643	150	1,793	0	2,396	803	1,227	4,426	360	4,311	1,929	164	61	6,825	523	2,431	15,998
For Petrochemical Feedstock Use	23	0	23	0	1	0	0	1	11	431	84	0	0	526	1	7	558
For Other Uses	1,620	150	1,770	0	2,395	803	1,227	4,425	349	3,880	1,845	164	61	6,299	522	2,424	15,440
Miscellaneous Products	198	24	222	2	133	15	23	173	353	1,406	444	33	0	2,236	21	193	2,845
Total Output	40,382	4,345	44,727	1,753	62,733	7,515	28,351	100,352	14,231	99,696	57,982	5,888	2,332	180,129	11,640	63,789	400,637
Processing Gain(-) or Loss(+)[1]	-1,534	-44	-1,578	11	-2,133	-955	-619	-3,696	-270	-5,627	-1,486	-16	17	-7,382	-223	-2,920	-15,799

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[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, March 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,407	145	1,552	39	1,715	176	641	2,571	268	2,109	1,629	101	43	4,150	103	1,321	9,697
For Petrochemical Feedstock Use	449	0	449	0	242	1	97	340	12	948	312	13	1	1,286	0	322	2,397
For Other Uses	958	145	1,103	39	1,473	175	544	2,231	256	1,161	1,317	88	42	2,864	103	999	7,300
Ethane	0	0	0	0	0	0	0	0	0	96	57	0	0	153	0	15	168
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	96	42	0	0	138	0	15	153
For Other Uses	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0	15
Propane	1,127	104	1,231	39	1,622	154	630	2,445	247	1,950	1,119	78	14	3,408	112	918	8,114
For Petrochemical Feedstock Use	335	0	335	0	242	1	96	339	0	947	214	0	0	1,161	3	238	2,076
For Other Uses	792	104	896	39	1,380	153	534	2,106	247	1,003	905	78	14	2,247	109	680	6,038
Butane	280	41	321	0	93	22	11	126	4	-44	-7	20	21	-6	-10	305	736
For Petrochemical Feedstock Use	114	0	114	0	0	0	1	1	0	-146	32	13	1	-100	2	69	86
For Other Uses	166	41	207	0	93	22	10	125	4	102	-39	7	20	94	-12	236	650
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	5	57	436	3	8	509	6	83	598
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
For Other Uses	0	0	0	0	0	0	0	0	5	56	436	3	8	508	6	83	597
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	12	50	24	0	0	86	-5	0	81
Finished Motor Gasoline	17,473	1,896	19,369	1,176	35,663	3,800	15,103	55,742	7,106	44,581	27,170	2,058	853	81,768	5,783	29,594	192,256
Finished Leaded Motor Gasoline	7,794	1,093	8,887	555	19,003	2,226	9,374	31,158	4,084	21,120	14,704	1,461	567	41,936	3,947	13,563	99,491
Finished Unleaded Motor Gasoline	9,679	803	10,482	621	16,629	1,574	5,722	24,546	3,022	23,461	12,466	597	286	39,832	1,834	16,003	92,697
Gasohol	0	0	0	0	31	0	7	38	0	0	0	0	0	0	2	28	68
Finished Aviation Gasoline	5	0	5	0	52	0	13	65	5	340	97	0	0	442	28	120	660
Naphtha-Type Jet Fuel	756	47	803	0	360	140	431	931	500	837	772	90	286	2,485	391	1,250	5,860
Kerosene-Type Jet Fuel	1,821	118	1,939	0	3,032	106	903	4,041	673	5,132	5,866	18	35	11,724	546	6,726	24,976
Kerosene	72	96	168	35	590	-8	-37	580	19	1,918	875	-2	47	2,857	21	219	3,845
Distillate Fuel Oil	7,738	937	8,675	359	11,201	1,296	6,645	19,501	3,263	19,315	11,117	1,545	857	36,097	3,183	9,525	76,981
Distillate Fuel Oil Less No. 4	7,738	919	8,657	359	11,117	1,294	6,645	19,415	3,209	18,998	11,390	1,445	590	35,632	3,175	9,450	76,329
No. 4 Fuel Oil	0	18	18	0	84	2	0	86	54	317	-273	100	267	465	8	75	652
Residual Fuel Oil	6,949	311	7,260	133	3,229	278	821	4,461	929	9,666	5,853	613	173	17,234	504	14,677	44,136
Naphtha < 400 Deg. For Petro. Feed. Use	500	0	500	0	371	0	95	466	248	5,537	1,254	28	0	7,067	8	103	8,144
Other Oils > 400 Deg. For Petro. Feed. Use	4	56	60	0	1,444	0	6	1,450	386	6,632	2,773	28	0	9,819	0	120	11,449
Special Naphthas	71	18	89	0	322	0	174	496	164	1,090	52	293	0	1,599	25	345	2,554
Lubricants	506	332	838	0	437	0	233	670	26	2,221	843	189	-1	3,278	33	436	5,255
Bright Stock	74	134	208	0	3	0	21	24	0	168	66	0	0	234	3	39	508
Neutral	202	181	383	0	285	0	149	434	0	939	644	85	0	1,668	28	301	2,814
Other Grades	230	17	247	0	149	0	63	212	26	1,114	133	104	-1	1,376	2	96	1,933
Wax	27	62	89	0	-2	0	20	18	86	168	105	27	0	386	12	83	588
Microcrystalline	7	15	22	0	0	0	12	12	86	12	2	27	0	127	0	0	161
Crystalline--Fully Refined	14	15	29	0	-3	0	2	-1	0	84	103	0	0	187	12	53	280
Crystalline--Other	6	32	38	0	1	0	6	7	0	72	0	0	0	72	0	30	147
Petroleum Coke	1,129	26	1,155	18	1,999	264	976	3,257	263	2,128	1,508	72	13	3,984	298	3,081	11,775
Marketable	377	0	377	0	1,008	178	565	1,751	47	931	895	47	0	1,920	166	2,254	6,468
Catalyst	752	26	778	18	991	86	411	1,506	216	1,197	613	25	13	2,064	132	827	5,307
Asphalt	1,002	86	1,088	97	1,008	588	919	2,612	348	675	792	732	-95	2,452	490	1,677	8,319
Road Oil	0	0	0	0	39	0	11	50	0	0	0	0	0	0	3	10	63
Still Gas	1,638	152	1,790	73	2,787	231	1,247	4,338	423	4,317	2,150	175	52	7,117	465	2,973	16,683
For Petrochemical Feedstock Use	3	0	3	0	1	0	0	1	1	258	74	0	0	333	2	6	345
For Other Uses	1,635	152	1,787	73	2,786	231	1,247	4,337	422	4,059	2,076	175	52	6,784	463	2,967	16,338
Miscellaneous Products	190	34	224	1	129	17	32	179	382	855	533	30	0	1,800	20	310	2,533
Total Output	41,288	4,316	45,604	1,931	64,376	6,888	28,233	101,428	15,089	107,521	63,389	5,997	2,263	194,259	11,913	72,570	425,774
Processing Gain(-) or Loss(-)[1]	-1,921	-58	-1,979	-65	1,634	-278	-916	-2,893	-343	-4,234	-2,028	-54	124	-6,535	-447	-2,187	-14,041

[1] Represents the arithmetic difference between input and output

Notes Total may not equal sum of components due to independent rounding

See Explanatory Notes on negative product yield

Source See Explanatory Notes on Data Collection and Estimation

Table 14. Refinery Production of Petroleum Products by PAD District, April 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,298	155	1,453	37	1,611	167	613	2,428	215	2,809	1,553	92	30	4,699	121	951	9,652
For Petrochemical Feedstock Use	449	0	449	0	190	0	83	273	14	1,709	240	11	1	1,975	–1	141	2,837
For Other Uses	849	155	1,004	37	1,421	167	530	2,155	201	1,100	1,313	81	29	2,724	122	810	6,815
Ethane	0	0	0	0	0	0	0	0	0	217	0	0	0	217	0	9	226
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	217	0	0	0	217	0	9	226
For Other Uses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Propane	1,107	95	1,202	37	1,485	156	568	2,246	199	2,095	1,132	71	13	3,510	118	662	7,738
For Petrochemical Feedstock Use	354	0	354	0	190	0	83	273	0	1,112	174	0	0	1,286	3	146	2,062
For Other Uses	753	95	848	37	1,295	156	485	1,973	199	983	958	71	13	2,224	115	516	5,676
Butane	191	60	251	0	126	11	45	182	–2	310	99	18	13	438	–1	217	1,087
For Petrochemical Feedstock Use	95	0	95	0	0	0	0	0	0	268	64	11	1	344	0	–14	425
For Other Uses	96	60	156	0	126	11	45	182	–2	42	35	7	12	94	–1	231	662
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	6	77	320	3	4	410	8	63	481
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	2	2	0	0	0	4	0	0	4
For Other Uses	0	0	0	0	0	0	0	0	4	75	320	3	4	406	8	63	477
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	12	110	2	0	0	124	–4	0	120
Finished Motor Gasoline	17,121	1,696	18,817	1,060	32,711	3,961	14,785	52,517	6,888	40,609	29,403	1,937	867	79,704	5,695	26,573	183,306
Finished Leaded Motor Gasoline	7,737	837	8,574	519	15,941	2,218	8,776	27,454	3,912	17,499	14,244	1,361	530	37,546	3,692	12,731	89,997
Finished Unleaded Motor Gasoline	9,384	859	10,243	541	16,739	1,743	5,999	25,022	2,976	23,110	15,159	576	337	42,158	2,000	13,812	93,235
Gasohol	0	0	0	0	31	0	10	41	0	0	0	0	0	0	3	30	74
Finished Aviation Gasoline	11	0	11	0	81	0	32	113	3	150	166	0	0	319	23	266	732
Naphtha-Type Jet Fuel	579	161	740	0	418	140	538	1,096	386	454	414	180	219	1,653	303	1,320	5,112
Kerosene-Type Jet Fuel	1,555	100	1,655	0	2,812	137	679	3,628	603	5,070	6,277	9	22	11,981	423	5,989	23,676
Kerosene	156	33	189	81	345	15	96	537	22	1,690	967	–1	10	2,688	11	185	3,610
Distillate Fuel Oil	6,768	894	7,662	227	10,399	1,200	6,263	18,089	3,190	16,954	12,891	1,417	532	34,984	2,923	8,877	72,535
Distillate Fuel Oil Less No. 4	6,768	889	7,657	227	10,389	1,199	6,263	18,078	3,141	16,647	12,544	1,337	422	34,091	2,922	8,780	71,528
No. 4 Fuel Oil	0	5	5	0	10	1	0	11	49	307	347	80	110	893	1	97	1,007
Residual Fuel Oil	4,770	303	5,073	76	2,706	290	874	3,946	796	10,062	5,394	624	132	17,008	389	13,184	39,600
Naphtha < 400 Deg. For Petro. Feed. Use	443	0	443	0	273	0	84	357	330	4,856	1,076	31	0	6,293	12	189	7,294
Other Oils > 400 Deg. For Petro. Feed. Use	11	71	82	0	1,375	0	0	1,375	398	6,924	2,778	28	0	10,128	0	286	11,871
Special Naphthas	51	21	72	0	275	0	196	471	168	1,131	44	272	0	1,615	25	102	2,285
Lubricants	571	310	881	0	382	0	350	732	22	2,241	673	184	1	3,121	24	481	5,239
Bright Stock	49	115	164	0	19	0	16	35	0	178	33	0	0	211	7	33	450
Neutral	327	171	498	0	234	0	225	459	0	1,012	568	72	0	1,652	16	339	2,964
Other Grades	195	24	219	0	129	0	109	238	22	1,051	72	112	1	1,258	1	109	1,825
Wax	32	97	129	0	18	0	28	46	49	169	98	29	0	345	10	75	605
Microcrystalline	5	11	16	0	0	0	10	10	49	15	0	29	0	93	0	0	119
Crystalline--Fully Refined	16	18	34	0	15	0	10	25	0	79	98	0	0	177	10	46	292
Crystalline--Other	11	68	79	0	3	0	8	11	0	75	0	0	0	75	0	29	194
Petroleum Coke	1,003	29	1,032	15	1,846	313	1,063	3,237	236	1,942	1,553	65	14	3,810	280	2,690	11,049
Marketable	339	0	339	0	960	199	554	1,713	63	691	870	44	0	1,668	167	1,980	5,867
Catalyst	664	29	693	15	886	114	509	1,524	173	1,251	683	21	14	2,142	113	710	5,182
Asphalt	1,696	101	1,797	119	1,880	520	777	3,296	496	637	982	726	50	2,891	508	1,484	9,976
Road Oil	0	0	0	0	–4	0	4	0	0	0	0	1	0	1	7	10	18
Still Gas	1,616	163	1,779	64	2,558	266	1,240	4,128	396	4,229	2,581	156	48	7,410	434	2,866	16,617
For Petrochemical Feedstock Use	42	0	42	0	1	0	0	1	2	458	87	0	0	547	1	6	597
For Other Uses	1,574	163	1,737	64	2,557	266	1,240	4,127	394	3,771	2,494	156	48	6,863	433	2,860	16,020
Miscellaneous Products	230	22	252	2	104	17	49	172	335	742	376	46	0	1,499	13	241	2,177
Total Output	37,911	4,156	42,067	1,681	59,790	7,026	27,671	96,168	14,533	100,669	67,226	5,796	1,925	190,149	11,201	65,769	405,354
Processing Gain(-) or Loss(+)[1]	–1,598	–80	–1,678	–65	–2,266	–331	–920	–3,582	–83	–4,202	–2,092	–18	33	–6,362	–187	–1,906	–13,715

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, May 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,171	119	1,290	34	1,662	176	595	2,467	190	3,019	1,421	104	64	4,798	10	1,508	10,073
For Petrochemical Feedstock Use	452	0	452	0	138	0	82	220	17	2,020	224	15	2	2,278	1	230	3,181
For Other Uses	719	119	838	34	1,524	176	513	2,247	173	999	1,197	89	62	2,520	9	1,278	6,892
Ethane	0	0	0	0	16	0	0	16	0	302	-9	0	0	293	0	36	345
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	302	-9	0	0	293	0	36	329
For Other Uses	0	0	0	0	16	0	0	16	0	0	0	0	0	0	0	0	16
Propane	1,029	94	1,123	34	1,548	162	623	2,367	177	2,090	1,088	72	27	3,454	90	857	7,891
For Petrochemical Feedstock Use	347	0	347	0	138	0	82	220	0	1,272	178	0	0	1,450	0	224	2,241
For Other Uses	682	94	776	34	1,410	162	541	2,147	177	818	910	72	27	2,004	90	633	5,650
Butane	136	25	161	0	98	14	-28	84	-8	419	74	30	23	538	-80	507	1,210
For Petrochemical Feedstock Use	99	0	99	0	0	0	0	0	0	345	55	15	2	417	1	-30	487
For Other Uses	37	25	62	0	98	14	-28	84	-8	74	19	15	21	121	-81	537	723
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	11	107	268	2	14	402	0	108	510
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	7	0	0	0	0	7	0	0	7
For Other Uses	0	0	0	0	0	0	0	0	4	107	268	2	14	395	0	108	503
Isobutane for Petro Feed. Use	6	0	6	0	0	0	0	0	10	101	0	0	0	111	0	0	117
Finished Motor Gasoline	14,596	1,725	16,321	1,055	33,691	4,015	15,242	54,003	6,567	43,344	30,546	1,978	1,010	83,445	6,007	29,918	189,694
Finished Leaded Motor Gasoline	5,914	878	6,792	555	16,381	2,360	9,347	28,643	3,816	18,106	14,905	1,384	630	38,841	3,972	14,476	92,724
Finished Unleaded Motor Gasoline	8,682	847	9,529	500	17,290	1,655	5,885	25,330	2,737	25,238	15,641	594	380	44,590	2,032	15,416	96,897
Gasohol	0	0	0	0	20	0	10	30	14	0	0	0	0	14	3	26	73
Finished Aviation Gasoline	4	0	4	0	208	0	42	250	5	266	296	0	0	567	36	293	1,150
Naphtha-Type Jet Fuel	886	223	1,109	0	483	136	500	1,119	389	967	526	145	399	2,426	306	1,176	6,136
Kerosene-Type Jet Fuel	778	101	879	0	3,196	52	595	3,843	440	5,952	6,794	13	19	13,218	486	6,613	25,039
Kerosene	125	27	152	65	296	34	101	496	80	1,626	902	1	21	2,630	8	213	3,499
Distillate Fuel Oil	6,505	934	7,439	268	10,051	1,673	6,893	18,885	3,091	19,437	11,636	1,354	766	36,284	3,512	9,933	76,053
Distillate Fuel Oil Less No 4	6,505	924	7,429	268	10,041	1,672	6,893	18,874	2,976	19,141	11,561	1,259	621	35,558	3,512	9,866	75,239
No 4 Fuel Oil	0	10	10	0	10	1	0	11	115	296	75	95	145	726	0	67	814
Residual Fuel Oil	4,173	333	4,506	90	2,391	324	959	3,764	812	10,423	5,021	432	201	16,889	362	12,386	37,907
Naphtha < 400 Deg For Petro. Feed Use	425	0	425	0	385	0	93	478	411	4,441	1,250	38	0	6,140	1	187	7,231
Other Oils > 400 Deg For Petro Feed Use	7	74	81	0	1,462	0	-2	1,460	452	7,421	3,939	46	0	11,858	0	424	13,823
Special Naphthas	13	29	42	0	286	0	179	465	128	1,337	48	172	0	1,685	5	214	2,411
Lubricants	461	391	852	0	427	0	396	823	35	2,217	804	189	-1	3,244	42	467	5,428
Bright Stock	39	164	203	0	35	0	72	107	0	150	49	0	0	199	5	40	554
Neutral	232	211	443	0	258	0	222	480	0	999	666	77	0	1,742	32	314	3,011
Other Grades	190	16	206	0	134	0	102	236	35	1,068	89	112	-1	1,303	5	113	1,863
Wax	44	63	107	0	15	0	30	45	63	158	98	21	0	340	13	101	606
Microcrystalline	11	21	32	0	0	0	22	22	63	18	1	21	0	103	0	0	157
Crystalline--Fully Refined	24	9	33	0	12	0	3	15	0	82	97	0	0	179	13	60	300
Crystalline--Other	9	33	42	0	3	0	5	8	0	58	0	0	0	58	0	41	149
Petroleum Coke	945	27	972	19	1,970	424	1,093	3,506	231	2,113	1,709	70	9	4,132	249	2,907	11,766
Marketable	363	0	363	0	1,080	304	611	1,995	67	880	960	44	0	1,951	118	2,243	6,670
Catalyst	582	27	609	19	890	120	482	1,511	164	1,233	749	26	9	2,181	131	664	5,096
Asphalt	2,002	77	2,079	85	2,016	741	790	3,632	496	798	1,180	678	83	3,235	933	1,947	11,826
Road Oil	0	0	0	0	12	0	4	16	0	0	0	0	0	0	12	26	54
Still Gas	1,499	131	1,630	66	2,706	234	1,227	4,233	414	4,415	2,700	162	76	7,767	511	3,153	17,294
For Petrochemical Feedstock Use	43	0	43	0	1	0	0	1	4	413	83	0	0	500	2	5	551
For Other Uses	1,456	131	1,587	66	2,705	234	1,227	4,232	410	4,002	2,617	162	76	7,267	509	3,148	16,743
Miscellaneous Products	224	41	265	1	137	14	63	215	331	579	378	33	0	1,321	14	360	2,175
Total Output	33,858	4,295	38,153	1,683	61,394	7,823	28,800	99,700	14,135	108,513	69,248	5,436	2,647	199,979	12,507	71,826	422,165
Processing Gain(-) or Loss(+)[1]	-1,419	-50	-1,469	-46	-3,066	-391	-735	-4,238	-41	-3,713	-2,303	-53	-4	-6,114	-173	-3,342	-15,336

[1] Represents the arithmetic difference between input and output

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, June 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,371	79	1,450	23	1,619	151	544	2,337	309	2,541	1,023	95	34	4,002	135	1,852	9,776
For Petrochemical Feedstock Use	440	0	440	0	180	22	86	288	16	1,685	239	15	1	1,956	7	310	3,001
For Other Uses	931	79	1,010	23	1,439	129	458	2,049	293	856	784	80	33	2,046	128	1,542	6,775
Ethane	0	0	0	0	9	0	0	9	0	212	41	0	0	253	0	29	291
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	212	41	0	0	253	0	29	282
For Other Uses	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	9
Propane	1,062	80	1,142	23	1,571	151	583	2,328	208	1,812	848	64	14	2,946	110	988	7,514
For Petrochemical Feedstock Use	392	0	392	0	180	22	86	288	0	956	174	0	0	1,130	3	236	2,049
For Other Uses	670	80	750	23	1,391	129	497	2,040	208	856	674	64	14	1,816	107	752	5,465
Butane	315	-1	314	0	39	0	-39	0	82	331	124	28	15	580	23	686	1,603
For Petrochemical Feedstock Use	54	0	54	0	0	0	0	0	0	404	24	15	1	444	2	45	545
For Other Uses	261	-1	260	0	39	0	-39	0	82	-73	100	13	14	136	21	641	1,058
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	11	76	10	3	5	105	0	149	254
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	8	3	0	0	0	11	0	0	11
For Other Uses	0	0	0	0	0	0	0	0	3	73	10	3	5	94	0	149	243
Isobutane for Petro. Feed. Use	-6	0	-6	0	0	0	0	0	8	110	0	0	0	118	2	0	114
Finished Motor Gasoline	17,643	1,193	18,836	780	31,901	3,828	15,635	52,144	7,196	40,031	28,570	1,898	895	78,590	7,021	29,926	186,517
Finished Leaded Motor Gasoline	8,146	721	8,867	443	14,587	2,210	9,522	26,762	3,991	16,772	14,348	1,356	526	36,993	4,599	15,208	92,429
Finished Unleaded Motor Gasoline	9,497	472	9,969	337	17,283	1,618	6,102	25,340	3,205	23,259	14,222	542	369	41,597	2,419	14,688	94,013
Gasohol	0	0	0	0	31	0	11	42	0	0	0	0	0	0	3	30	75
Finished Aviation Gasoline	13	0	13	0	174	0	42	216	2	314	197	0	0	513	42	282	1,066
Naphtha-Type Jet Fuel	804	209	1,013	0	498	98	461	1,057	332	933	458	147	289	2,159	461	1,483	6,173
Kerosene-Type Jet Fuel	1,078	103	1,181	0	2,828	123	669	3,620	624	5,985	5,183	12	31	11,835	607	6,348	23,591
Kerosene	167	-8	159	39	238	-8	-16	253	-6	1,600	911	1	35	2,541	13	146	3,112
Distillate Fuel Oil	7,845	862	8,707	293	9,247	1,495	6,916	17,951	3,632	18,366	10,589	1,324	751	34,662	3,697	9,997	75,014
Distillate Fuel Oil Less No. 4	7,845	859	8,704	292	9,242	1,495	6,916	17,945	3,651	18,026	10,486	1,225	588	33,976	3,674	9,929	74,228
No. 4 Fuel Oil	0	3	3	1	5	0	0	6	-19	340	103	99	163	686	23	68	786
Residual Fuel Oil	4,224	211	4,435	73	2,200	304	845	3,422	853	8,927	4,551	478	220	15,029	424	13,653	36,963
Naphtha < 400 Deg. For Petro. Feed. Use	327	0	327	0	290	0	82	372	400	4,680	1,189	27	0	6,296	3	193	7,191
Other Oils > 400 Deg. For Petro. Feed. Use	6	80	86	0	1,295	0	1	1,296	417	6,452	3,967	50	0	10,886	0	406	12,674
Special Naphthas	12	28	40	0	257	0	149	406	108	1,029	76	230	0	1,443	10	118	2,017
Lubricants	429	290	719	0	559	0	391	950	12	2,054	714	195	0	2,975	35	377	5,056
Bright Stock	61	104	165	0	16	0	14	30	0	123	83	0	0	206	2	29	432
Neutral	220	175	395	0	403	0	264	667	0	887	605	78	0	1,570	31	254	2,917
Other Grades	148	11	159	0	140	0	113	253	12	1,044	26	117	0	1,199	2	94	1,707
Wax	45	68	113	0	3	0	29	32	58	158	106	34	0	356	4	81	586
Microcrystalline	10	24	34	0	0	0	18	18	58	16	3	34	0	111	0	0	163
Crystalline--Fully Refined	25	14	39	0	1	0	2	3	0	80	103	0	0	183	4	48	277
Crystalline--Other	10	30	40	0	2	0	9	11	0	62	0	0	0	62	0	33	146
Petroleum Coke	930	25	955	12	1,878	610	962	3,462	293	2,077	1,731	67	9	4,177	305	3,072	11,971
Marketable	288	0	288	0	1,043	506	537	2,086	64	956	1,065	45	0	2,130	170	2,268	6,942
Catalyst	642	25	667	12	835	104	425	1,376	229	1,121	666	22	9	2,047	135	804	5,029
Asphalt	2,106	80	2,186	109	2,256	643	1,014	4,022	538	633	853	734	81	2,839	877	1,965	11,889
Road Oil	0	0	0	0	3	0	18	21	0	0	0	0	0	0	14	-17	18
Still Gas	1,657	108	1,765	55	2,494	220	1,345	4,114	497	4,445	2,615	151	57	7,765	577	3,429	17,650
For Petrochemical Feedstock Use	34	0	34	0	1	0	0	1	5	260	72	0	0	337	2	9	383
For Other Uses	1,623	108	1,731	55	2,493	220	1,345	4,113	492	4,185	2,543	151	57	7,428	575	3,420	17,267
Miscellaneous Products	217	23	240	3	109	18	38	168	378	719	404	32	0	1,533	21	353	2,315
Total Output	38,874	3,351	42,225	1,387	57,849	7,482	29,125	95,843	15,643	100,944	63,137	5,475	2,402	187,601	14,246	73,664	413,579
Processing Gain(-) or Loss(+)[1]	-1,652	54	-1,598	-12	-2,906	-606	-884	-4,408	-23	-3,546	-1,860	-1	19	-5,411	-295	-2,646	-14,358

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, July 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,325	83	1,408	33	1,753	169	453	2,408	228	2,521	1,340	99	50	4,238	119	1,332	9,505
For Petrochemical Feedstock Use	465	0	465	0	373	0	73	446	15	1,372	212	18	0	1,617	11	238	2,777
For Other Uses	860	83	943	33	1,380	169	380	1,962	213	1,149	1,128	81	50	2,621	108	1,094	6,728
Ethane	0	0	0	0	10	0	0	10	0	52	0	0	0	52	0	41	103
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	52	0	0	0	52	0	41	93
For Other Uses	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	10
Propane	1,043	82	1,125	33	1,707	157	513	2,410	213	1,946	800	65	34	3,058	129	850	7,572
For Petrochemical Feedstock Use	399	0	399	0	373	0	72	445	0	856	187	0	0	1,043	3	144	2,034
For Other Uses	644	82	726	33	1,334	157	441	1,965	213	1,090	613	65	34	2,015	126	706	5,538
Butane	282	1	283	0	36	12	-60	-12	0	402	395	31	13	841	-15	363	1,460
For Petrochemical Feedstock Use	66	0	66	0	0	0	1	1	0	380	25	18	0	423	3	53	546
For Other Uses	216	1	217	0	36	12	-61	-13	0	22	370	13	13	418	-18	310	914
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	8	39	145	3	3	198	0	78	276
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	8	2	0	0	0	10	0	0	10
For Other Uses	0	0	0	0	0	0	0	0	0	37	145	3	3	188	0	78	266
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	7	82	0	0	0	89	5	0	94
Finished Motor Gasoline	20,638	1,220	21,858	1,095	34,510	4,237	15,063	54,905	7,967	40,891	31,135	1,944	1,079	83,016	7,511	31,180	198,470
Finished Leaded Motor Gasoline	9,400	685	10,085	631	16,996	2,691	8,854	29,172	4,298	17,033	16,586	1,401	659	39,977	4,987	14,761	98,982
Finished Unleaded Motor Gasoline	11,238	535	11,773	464	17,477	1,546	6,198	25,685	3,669	23,858	14,549	543	420	43,039	2,521	16,386	99,404
Gasohol	0	0	0	0	37	0	11	48	0	0	0	0	0	0	3	33	84
Finished Aviation Gasoline	12	0	12	0	168	0	42	210	4	298	197	0	0	499	52	439	1,212
Naphtha-Type Jet Fuel	833	219	1,052	0	454	94	471	1,019	691	1,039	338	185	325	2,578	432	1,558	6,639
Kerosene-Type Jet Fuel	922	94	1,016	0	2,885	169	835	3,889	825	5,926	6,176	13	15	12,955	607	7,056	25,523
Kerosene	8	13	21	45	362	6	-2	411	75	1,215	711	5	44	2,050	14	195	2,691
Distillate Fuel Oil	8,116	878	8,994	379	9,196	1,615	6,815	18,005	3,857	17,136	10,524	1,288	844	33,649	3,736	9,843	74,227
Distillate Fuel Oil Less No 4	8,116	875	8,991	377	9,183	1,614	6,815	17,989	3,888	16,916	10,455	1,190	684	33,133	3,720	9,776	73,609
No 4 Fuel Oil	0	3	3	2	13	1	0	16	-31	220	69	98	160	516	16	67	618
Residual Fuel Oil	4,005	240	4,245	140	2,618	647	855	4,260	577	8,060	5,289	406	137	14,469	370	13,036	36,380
Naphtha < 400 Deg For Petro Feed Use	369	0	369	0	63	0	94	157	478	4,741	1,046	0	0	6,265	8	242	7,041
Other Oils > 400 Deg For Petro. Feed. Use	11	89	100	0	1,165	0	1	1,166	488	5,096	3,545	47	0	9,176	0	342	10,784
Special Naphthas	12	28	40	0	328	0	170	498	126	1,071	35	244	0	1,476	5	229	2,248
Lubricants	456	315	771	0	541	0	427	968	24	2,009	628	176	0	2,837	26	404	5,006
Bright Stock	42	121	163	0	12	0	30	42	0	133	40	0	0	173	0	34	412
Neutral	197	170	367	0	417	0	289	706	0	862	560	57	0	1,479	25	266	2,843
Other Grades	217	24	241	0	112	0	108	220	24	1,014	28	119	0	1,185	1	104	1,751
Wax	45	79	124	0	11	0	29	40	67	143	88	28	0	326	14	91	595
Microcrystalline	19	29	48	0	0	0	20	20	67	11	4	28	0	110	0	0	178
Crystalline--Fully Refined	16	10	26	0	8	0	5	13	0	68	84	0	0	152	14	53	258
Crystalline--Other	10	40	50	0	3	0	4	7	0	64	0	0	0	64	0	38	159
Petroleum Coke	1,009	30	1,039	20	1,893	291	950	3,154	328	2,077	1,748	63	11	4,227	313	2,993	11,726
Marketable	326	0	326	0	960	174	540	1,674	72	965	1,019	43	0	2,099	169	2,158	6,426
Catalyst	683	30	713	20	933	117	410	1,480	256	1,112	729	20	11	2,128	144	835	5,300
Asphalt	2,625	49	2,674	119	2,319	500	1,010	3,948	609	663	1,133	709	92	3,206	1,004	1,877	12,709
Road Oil	0	0	0	0	43	0	12	55	0	0	0	0	0	0	25	11	91
Still Gas	1,914	111	2,025	71	2,727	243	1,218	4,259	514	4,875	2,587	171	69	8,216	590	3,341	18,431
For Petrochemical Feedstock Use	45	0	45	0	1	0	0	1	3	362	88	0	0	453	2	7	508
For Other Uses	1,869	111	1,980	71	2,726	243	1,218	4,258	511	4,513	2,499	171	69	7,763	588	3,334	17,923
Miscellaneous Products	173	31	204	3	98	17	39	157	435	956	372	21	0	1,784	22	289	2,456
Total Output	42,473	3,479	45,952	1,905	61,134	7,988	28,482	99,509	17,293	98,717	66,892	5,399	2,666	190,967	14,848	74,458	425,734
Processing Gain(-) or Loss(-)[1]	-1,793	-15	-1,808	-60	-2,377	-216	-671	-3,324	-253	-2,975	-1,984	-34	23	-5,223	-348	-3,768	-14,471

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[1] Represents the arithmetic difference between input and output

Notes Total may not equal sum of components due to independent rounding
See Explanatory Notes on negative product yield

Source See Explanatory Notes on Data Collection and Estimation

Table 14. Refinery Production of Petroleum Products by PAD District, August 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,561	98	1,659	37	1,743	149	511	2,440	225	3,252	1,378	99	68	5,022	100	1,371	10,592
For Petrochemical Feedstock Use	478	0	478	0	259	0	100	359	16	2,165	335	20	0	2,536	8	114	3,495
For Other Uses	1,083	98	1,181	37	1,484	149	411	2,081	209	1,087	1,043	79	68	2,486	92	1,257	7,097
Ethane	0	0	0	0	18	0	0	18	0	222	58	0	0	280	0	20	318
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	221	58	0	0	279	0	20	299
For Other Uses	0	0	0	0	18	0	0	18	0	1	0	0	0	1	0	0	19
Propane	1,240	96	1,336	37	1,730	149	642	2,558	200	2,748	916	65	44	3,973	133	970	8,970
For Petrochemical Feedstock Use	401	0	401	0	259	0	98	357	0	1,592	212	0	0	1,804	3	139	2,704
For Other Uses	839	96	935	37	1,471	149	544	2,201	200	1,156	704	65	44	2,169	130	831	6,266
Butane	305	2	307	0	-5	0	-131	-136	8	100	232	32	20	392	-39	299	823
For Petrochemical Feedstock Use	77	0	77	0	0	0	2	2	0	250	65	20	0	335	1	-45	370
For Other Uses	228	2	230	0	-5	0	-133	-138	8	-150	167	12	20	57	-40	344	453
Butane-Propane Mixtures	16	0	16	0	0	0	0	0	9	80	172	2	4	267	2	82	367
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	8	0	0	0	0	8	0	0	8
For Other Uses	16	0	16	0	0	0	0	0	1	80	172	2	4	259	2	82	359
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	8	102	0	0	0	110	4	0	114
Finished Motor Gasoline	20,500	1,368	21,868	1,194	36,027	4,343	16,519	58,083	7,613	43,277	32,713	1,914	1,143	86,660	7,466	30,778	204,855
Finished Leaded Motor Gasoline	9,441	749	10,190	655	16,934	2,718	9,942	30,249	4,465	17,858	15,951	1,331	688	40,293	4,964	14,488	100,184
Finished Unleaded Motor Gasoline	11,059	619	11,678	539	19,062	1,625	6,567	27,793	3,138	25,419	16,762	583	455	46,357	2,502	16,247	104,577
Gasohol	0	0	0	0	31	0	10	41	10	0	0	0	0	10	0	43	94
Finished Aviation Gasoline	19	0	19	0	166	0	55	221	6	292	257	0	0	555	33	347	1,175
Naphtha-Type Jet Fuel	832	205	1,037	0	520	102	532	1,154	696	985	427	155	267	2,530	410	1,658	6,789
Kerosene-Type Jet Fuel	1,300	82	1,382	0	2,304	45	616	2,965	676	5,442	5,533	18	19	11,688	551	6,872	23,458
Kerosene	9	53	62	13	475	43	24	555	93	1,147	945	0	63	2,248	33	164	3,062
Distillate Fuel Oil	8,250	957	9,207	362	10,633	1,837	7,843	20,675	3,865	19,403	12,474	1,379	793	37,914	3,742	10,778	82,316
Distillate Fuel Oil Less No. 4	8,250	954	9,204	361	10,553	1,836	7,843	20,593	3,890	18,749	12,486	1,293	614	37,032	3,713	10,696	81,238
No. 4 Fuel Oil	0	3	3	1	80	1	0	82	-25	654	-12	86	179	882	29	82	1,078
Residual Fuel Oil	4,435	243	4,678	141	2,658	633	1,006	4,438	871	8,128	5,866	435	115	15,415	433	13,204	38,168
Naphtha < 400 Deg. For Petro. Feed. Use	341	0	341	0	70	0	82	152	468	4,396	1,199	0	0	6,063	1	255	6,812
Other Oils > 400 Deg. For Petro. Feed. Use	8	75	83	0	1,427	0	1	1,428	530	5,324	3,852	56	0	9,762	0	307	11,580
Special Naphthas	11	28	39	0	249	0	87	336	126	1,042	83	224	0	1,475	6	146	2,002
Lubricants	362	375	737	0	462	0	409	871	29	2,211	817	215	-2	3,270	43	353	5,274
Bright Stock	58	146	204	0	23	0	43	66	0	170	65	0	0	235	0	32	537
Neutral	124	210	334	0	316	0	265	581	0	975	669	82	0	1,726	42	269	2,952
Other Grades	180	19	199	0	123	0	101	224	29	1,066	83	133	-2	1,309	1	52	1,785
Wax	38	76	114	0	17	0	39	56	115	182	106	23	0	426	17	62	675
Microcrystalline	7	20	27	0	0	0	25	25	115	15	0	23	0	153	0	0	205
Crystalline--Fully Refined	22	19	41	0	14	0	9	23	0	91	106	0	0	197	17	42	320
Crystalline--Other	9	37	46	0	3	0	5	8	0	76	0	0	0	76	0	20	150
Petroleum Coke	1,136	30	1,166	22	1,870	305	1,112	3,309	291	2,292	1,657	65	9	4,314	311	3,114	12,214
Marketable	351	0	351	0	929	185	623	1,737	67	963	904	41	0	1,975	165	2,306	6,534
Catalyst	785	30	815	22	941	120	489	1,572	224	1,329	753	24	9	2,339	146	808	5,680
Asphalt	2,851	136	2,987	96	2,043	581	924	3,644	579	832	1,118	798	104	3,431	824	2,443	13,329
Road Oil	0	0	0	0	29	0	21	50	0	66	0	0	0	66	34	28	178
Still Gas	1,806	124	1,930	76	2,690	260	1,433	4,459	495	4,560	2,766	167	55	8,043	583	3,292	18,307
For Petrochemical Feedstock Use	57	0	57	0	1	0	0	1	4	759	101	0	0	864	2	6	930
For Other Uses	1,749	124	1,873	76	2,689	260	1,433	4,458	491	3,801	2,665	167	55	7,179	581	3,286	17,377
Miscellaneous Products	200	41	241	3	129	20	65	217	152	1,164	604	47	0	1,967	23	232	2,680
Total Output	43,659	3,891	47,550	1,944	63,512	8,318	31,279	105,053	16,830	103,995	71,795	5,595	2,634	200,849	14,610	75,404	443,466
Processing Gain(-) or Loss(+)[1]	-1,883	-38	-1,921	-70	-2,532	-276	-492	-3,370	-231	-3,147	-2,566	-18	2	-5,960	-208	-3,632	-15,091

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, September 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,421	86	1,507	34	1,631	168	518	2,351	279	2,757	1,427	93	57	4,613	109	1,210	9,790
For Petrochemical Feedstock Use	350	0	350	0	215	18	102	335	39	1,593	315	12	0	1,959	2	34	2,680
For Other Uses	1,071	86	1,157	34	1,416	150	416	2,016	240	1,164	1,112	81	57	2,654	107	1,176	7,110
Ethane	0	0	0	0	22	0	0	22	0	321	58	0	0	379	0	18	419
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	321	58	0	0	379	0	18	397
For Other Uses	0	0	0	0	22	0	0	22	0	0	0	0	0	0	0	0	22
Propane	1,068	84	1,152	34	1,566	150	654	2,404	223	2,188	1,204	69	34	3,718	120	903	8,297
For Petrochemical Feedstock Use	299	0	299	0	215	0	99	314	24	1,096	181	0	0	1,301	3	80	1,997
For Other Uses	769	84	853	34	1,351	150	555	2,090	199	1,092	1,023	69	34	2,417	117	823	6,300
Butane	348	2	350	0	43	18	-136	-75	25	120	158	21	19	343	7	190	815
For Petrochemical Feedstock Use	51	0	51	0	0	18	3	21	0	158	76	12	0	246	1	-64	255
For Other Uses	297	2	299	0	43	0	-139	-96	25	-38	82	9	19	97	6	254	560
Butane-Propane Mixtures	5	0	5	0	0	0	0	0	23	110	7	3	4	147	-16	99	235
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	7	0	0	0	0	7	0	0	7
For Other Uses	5	0	5	0	0	0	0	0	16	110	7	3	4	140	-16	99	228
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	8	18	0	0	0	26	-2	0	24
Finished Motor Gasoline	19,901	1,661	21,562	1,072	33,404	3,654	16,106	54,236	7,412	43,476	31,996	1,889	971	85,744	6,521	28,803	196,866
Finished Leaded Motor Gasoline	8,666	862	9,528	651	15,884	2,281	9,710	28,526	4,088	18,066	16,677	1,288	643	40,762	4,404	13,278	96,498
Finished Unleaded Motor Gasoline	11,235	799	12,034	421	17,505	1,373	6,387	25,686	3,324	25,410	15,319	601	328	44,982	2,117	15,483	100,302
Gasohol	0	0	0	0	15	0	9	24	0	0	0	0	0	0	0	42	66
Finished Aviation Gasoline	29	0	29	0	168	0	48	216	7	295	159	0	0	461	46	248	1,000
Naphtha-Type Jet Fuel	858	116	974	0	413	75	533	1,021	592	1,061	377	132	325	2,487	349	1,198	6,029
Kerosene-Type Jet Fuel	1,257	85	1,342	0	1,956	117	752	2,825	628	4,715	5,498	29	22	10,892	544	6,346	21,949
Kerosene	31	132	163	33	477	35	-51	494	57	713	1,097	6	15	1,888	24	101	2,670
Distillate Fuel Oil	7,760	939	8,699	330	10,690	1,405	7,641	20,066	3,725	17,592	12,538	1,293	700	35,848	3,321	10,372	78,306
Distillate Fuel Oil Less No. 4	7,760	925	8,685	330	10,715	1,405	7,641	20,091	3,704	17,266	12,609	1,214	545	35,338	3,292	10,242	77,648
No. 4 Fuel Oil	0	14	14	0	-25	0	0	-25	21	326	-71	79	155	510	29	130	658
Residual Fuel Oil	4,420	270	4,690	115	2,737	587	1,027	4,466	830	9,512	6,000	438	113	16,893	449	12,266	38,764
Naphtha < 400 Deg. For Petro. Feed. Use	287	0	287	0	374	0	68	442	514	3,625	1,149	0	0	5,288	0	236	6,253
Other Oils > 400 Deg. For Petro. Feed. Use	13	99	112	0	1,097	0	1	1,098	526	4,804	3,266	47	0	8,643	0	399	10,252
Special Naphthas	12	32	44	0	223	0	78	301	124	999	88	216	0	1,427	4	102	1,878
Lubricants	213	431	644	0	479	0	352	831	20	1,735	643	152	0	2,550	44	365	4,434
Bright Stock	61	173	234	0	15	0	23	38	0	139	52	0	0	191	0	34	497
Neutral	153	246	399	0	360	0	199	559	0	872	517	75	0	1,464	42	244	2,708
Other Grades	-1	12	11	0	104	0	130	234	20	724	74	77	0	895	2	87	1,229
Wax	25	73	98	0	14	0	22	36	91	117	95	18	0	321	16	67	538
Microcrystalline	2	24	26	0	0	0	17	17	91	13	4	18	0	126	0	0	169
Crystalline--Fully Refined	12	13	25	0	11	0	0	11	0	53	91	0	0	144	16	41	237
Crystalline--Other	11	36	47	0	3	0	5	8	0	51	0	0	0	51	0	26	132
Petroleum Coke	955	45	1,000	21	1,933	178	1,107	3,239	297	2,591	1,771	61	9	4,729	305	3,055	12,328
Marketable	250	0	250	0	1,051	76	661	1,788	61	1,009	1,026	40	0	2,136	180	2,263	6,617
Catalyst	705	45	750	21	882	102	446	1,451	236	1,582	745	21	9	2,593	125	792	5,711
Asphalt	2,406	126	2,532	124	2,190	555	855	3,724	530	325	1,110	683	88	2,736	716	2,129	11,837
Road Oil	0	0	0	0	13	0	12	25	0	0	0	1	0	1	32	22	80
Still Gas	1,720	142	1,862	58	2,483	194	1,346	4,081	515	4,254	2,592	149	55	7,565	431	3,443	17,382
For Petrochemical Feedstock Use	55	0	55	0	1	0	0	1	5	460	89	0	0	554	0	7	617
For Other Uses	1,665	142	1,807	58	2,482	194	1,346	4,080	510	3,794	2,503	149	55	7,011	431	3,436	16,765
Miscellaneous Products	169	26	195	2	648	12	48	710	143	1,513	732	41	0	2,429	18	180	3,532
Total Output	41,477	4,263	45,740	1,789	60,930	6,980	30,463	100,162	16,290	100,084	70,538	5,248	2,355	194,515	12,929	70,542	423,888
Processing Gain(-) or Loss(+)[1]	-1,657	-84	-1,741	-74	-2,374	-228	-592	-3,268	-175	-3,046	-1,907	-12	-25	-5,165	-182	-3,264	13,620

[1] Represents the arithmetic difference between input and output

Notes. Total may not equal sum of components due to independent rounding
See Explanatory Notes on negative product yield

Source See Explanatory Notes on Data Collection and Estimation

Table 14. Refinery Production of Petroleum Products by PAD District, October 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,169	98	1,267	38	1,726	189	407	2,360	255	2,575	1,387	70	38	4,325	83	1,235	9,270
For Petrochemical Feedstock Use	252	0	252	0	224	1	102	327	31	1,432	287	8	0	1,758	-9	111	2,439
For Other Uses	917	98	1,015	38	1,502	188	305	2,033	224	1,143	1,100	62	38	2,567	92	1,124	6,831
Ethane	0	0	0	0	14	0	0	14	0	314	19	0	0	333	0	17	364
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	314	19	0	0	333	0	17	350
For Other Uses	0	0	0	0	14	0	0	14	0	0	0	0	0	0	0	0	14
Propane	1,015	98	1,113	38	1,687	188	614	2,527	226	2,164	1,284	49	36	3,759	136	938	8,473
For Petrochemical Feedstock Use	253	0	253	0	224	0	102	326	13	999	175	0	0	1,187	3	117	1,886
For Other Uses	762	98	860	38	1,463	188	512	2,201	213	1,165	1,109	49	36	2,572	133	821	6,587
Butane	145	0	145	0	25	1	-207	-181	9	15	111	18	-2	151	-29	207	293
For Petrochemical Feedstock Use	-1	0	-1	0	0	1	0	1	0	116	93	8	0	217	0	-23	194
For Other Uses	146	0	146	0	25	0	-207	-182	9	-101	18	10	-2	-66	-29	230	99
Butane-Propane Mixtures	9	0	9	0	0	0	0	0	11	79	-27	3	4	70	-12	73	140
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	9	0	0	0	0	9	0	0	9
For Other Uses	9	0	9	0	0	0	0	0	2	79	-27	3	4	61	-12	73	131
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	9	3	0	0	0	12	-12	0	0
Finished Motor Gasoline	19,972	1,672	21,644	1,040	32,838	4,331	17,671	55,880	8,116	39,967	34,425	1,509	1,097	85,114	7,219	29,298	199,155
Finished Leaded Motor Gasoline	9,392	873	10,265	571	16,318	2,716	11,086	30,691	4,384	16,547	18,125	893	646	40,595	4,861	14,474	100,886
Finished Unleaded Motor Gasoline	10,580	799	11,379	469	16,492	1,615	6,576	25,152	3,738	23,420	16,300	616	451	44,525	2,357	14,791	98,204
Gasohol	0	0	0	0	28	0	9	37	-6	0	0	0	0	-6	1	33	65
Finished Aviation Gasoline	5	0	5	0	119	0	31	150	5	239	172	0	0	416	39	311	921
Naphtha-Type Jet Fuel	810	163	973	0	336	110	502	948	417	866	587	158	308	2,336	266	1,338	5,861
Kerosene-Type Jet Fuel	1,424	107	1,531	46	2,189	100	822	3,157	584	3,885	6,089	41	17	10,616	387	6,416	22,107
Kerosene	128	86	214	-5	378	0	-48	325	94	825	990	1	52	1,962	31	155	2,687
Distillate Fuel Oil	7,144	941	8,085	370	9,914	1,750	7,463	19,497	3,704	16,762	13,358	1,226	710	35,760	3,365	10,313	77,020
Distillate Fuel Oil Less No. 4	7,144	928	8,072	370	9,926	1,750	7,463	19,509	3,667	16,416	13,318	1,143	550	35,094	3,350	10,254	76,279
No. 4 Fuel Oil	0	13	13	0	-12	0	0	-12	37	346	40	83	160	666	15	59	741
Residual Fuel Oil	5,029	377	5,406	128	2,713	393	1,012	4,246	852	7,127	5,789	533	120	14,421	536	13,771	38,380
Naphtha < 400 Deg. For Petro. Feed. Use	239	0	239	0	86	0	84	170	389	3,701	934	10	0	5,034	0	268	5,711
Other Oils > 400 Deg. For Petro. Feed. Use	8	71	79	0	1,350	0	0	1,350	497	5,254	3,000	54	0	8,805	0	454	10,688
Special Naphthas	0	25	25	0	277	0	59	336	107	987	47	234	0	1,375	4	108	1,848
Lubricants	417	402	819	0	352	0	357	709	27	1,933	713	211	0	2,884	19	418	4,849
Bright Stock	75	164	239	0	13	0	58	71	0	202	83	0	0	285	5	14	614
Neutral	198	227	425	0	228	0	199	427	0	844	538	84	0	1,466	13	288	2,619
Other Grades	144	11	155	0	111	0	100	211	27	887	92	127	0	1,133	1	116	1,616
Wax	34	77	111	0	18	0	27	45	105	143	53	20	0	321	12	71	560
Microcrystalline	6	19	25	0	0	0	14	14	105	15	2	20	0	142	0	0	181
Crystalline--Fully Refined	20	18	38	0	17	0	8	25	0	54	51	0	0	105	12	46	226
Crystalline--Other	8	40	48	0	1	0	5	6	0	74	0	0	0	74	0	25	153
Petroleum Coke	999	48	1,047	22	1,760	317	1,090	3,189	300	2,122	1,743	16	9	4,190	333	2,997	11,756
Marketable	339	0	339	0	936	209	647	1,792	63	943	982	10	0	1,998	184	2,147	6,460
Catalyst	660	48	708	22	824	108	443	1,397	237	1,179	761	6	9	2,192	149	850	5,296
Asphalt	2,169	26	2,195	89	1,982	612	687	3,370	544	244	1,259	785	97	2,929	593	1,371	10,458
Road Oil	0	0	0	0	0	0	8	8	0	0	0	0	0	0	4	0	12
Still Gas	1,617	134	1,751	67	2,282	241	1,284	3,874	483	3,687	2,557	116	66	6,909	489	3,428	16,451
For Petrochemical Feedstock Use	45	0	45	0	1	0	0	1	5	337	96	0	0	438	1	8	493
For Other Uses	1,572	134	1,706	67	2,281	241	1,284	3,873	478	3,350	2,461	116	66	6,471	488	3,420	15,958
Miscellaneous Products	165	51	216	2	691	20	79	792	377	1,373	337	44	0	2,131	18	180	3,337
Total Output	41,329	4,278	45,607	1,797	59,011	8,063	31,535	100,406	16,856	91,690	73,440	5,028	2,514	189,528	13,398	72,132	421,071
Processing Gain(-) or Loss(+)[1]	-2,024	-70	-2,094	-42	-2,888	-286	-901	-4,117	-274	-3,142	-1,837	-2	-18	-5,273	-321	-3,584	-15,389

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 14. Refinery Production of Petroleum Products by PAD District, November
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,301	96	1,397	32	1,655	208	326	2,221	272	2,315	1,582	75	67	4,311	65	940	8,934
For Petrochemical Feedstock Use	301	0	301	0	232	0	95	327	27	1,458	232	6	0	1,723	-9	144	2,486
For Other Uses	1,000	96	1,096	32	1,423	208	231	1,894	245	857	1,350	69	67	2,588	74	796	6,448
Ethane	0	0	0	0	39	0	0	39	0	248	22	0	0	270	0	13	322
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	248	22	0	0	270	0	13	283
For Other Uses	0	0	0	0	39	0	0	39	0	0	0	0	0	0	0	0	39
Propane	1,005	96	1,101	32	1,608	208	555	2,403	230	1,957	1,318	55	42	3,602	147	904	8,157
For Petrochemical Feedstock Use	251	0	251	0	232	0	95	327	5	920	131	0	0	1,056	3	139	1,776
For Other Uses	754	96	850	32	1,376	208	460	2,076	225	1,037	1,187	55	42	2,546	144	765	6,381
Butane	296	0	296	0	8	0	-229	-221	18	21	213	17	16	285	-57	34	337
For Petrochemical Feedstock Use	50	0	50	0	0	0	0	0	0	288	79	6	0	373	0	-8	415
For Other Uses	246	0	246	0	8	0	-229	-221	18	-267	134	11	16	-88	-57	42	-78
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	10	87	29	3	9	138	-13	-11	114
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	8	0	0	0	0	8	0	0	8
For Other Uses	0	0	0	0	0	0	0	0	2	87	29	3	9	130	-13	-11	106
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	14	2	0	0	0	16	-12	0	4
Finished Motor Gasoline	19,420	1,651	21,071	1,032	35,206	4,289	16,662	57,189	7,272	39,233	32,943	1,709	1,105	82,262	7,077	29,262	196,861
Finished Leaded Motor Gasoline	8,975	892	9,867	527	16,891	2,487	10,703	30,608	4,028	16,681	17,325	1,193	700	39,927	4,830	13,699	98,931
Finished Unleaded Motor Gasoline	10,445	759	11,204	505	18,292	1,802	5,950	26,549	3,243	22,552	15,618	516	405	42,334	2,247	15,519	97,853
Gasohol	0	0	0	0	23	0	9	32	1	0	0	0	0	1	0	44	77
Finished Aviation Gasoline	18	0	18	0	150	0	14	164	9	188	144	0	0	341	31	188	742
Naphtha-Type Jet Fuel	926	152	1,078	0	329	85	447	861	658	746	403	117	227	2,151	459	1,686	6,235
Kerosene-Type Jet Fuel	1,344	94	1,438	79	2,080	61	669	2,889	700	3,965	6,228	17	17	10,927	502	6,798	22,554
Kerosene	248	50	298	0	480	48	15	543	35	1,286	1,113	1	79	2,514	81	250	3,686
Distillate Fuel Oil	8,951	1,030	9,981	373	12,113	2,066	7,568	22,120	3,372	16,835	13,029	1,237	756	35,229	3,622	10,511	81,463
Distillate Fuel Oil Less No. 4	8,951	1,020	9,971	373	12,012	2,066	7,568	22,019	3,364	16,659	13,029	1,159	542	34,753	3,591	10,431	80,765
No 4 Fuel Oil	0	10	10	0	101	0	0	101	8	176	0	78	214	476	31	80	698
Residual Fuel Oil	5,346	473	5,819	137	2,839	485	848	4,309	893	7,596	5,405	490	122	14,506	469	11,697	36,800
Naphtha < 400 Deg. For Petro. Feed. Use	332	0	332	0	262	0	76	338	366	3,487	320	41	0	4,214	0	332	5,216
Other Oils > 400 Deg. For Petro. Feed. Use	12	68	80	0	1,242	0	0	1,242	424	4,301	2,809	53	0	7,587	0	314	9,223
Special Naphthas	0	14	14	0	271	0	119	390	123	987	45	214	0	1,369	4	117	1,894
Lubricants	457	431	888	0	430	0	369	799	25	2,031	639	215	-1	2,909	18	403	5,017
Bright Stock	46	197	243	0	19	0	43	62	0	136	81	0	0	217	6	31	559
Neutral	263	220	483	0	305	0	250	555	0	823	463	103	0	1,389	12	259	2,698
Other Grades	148	14	162	0	106	0	76	182	25	1,072	95	112	-1	1,303	0	113	1,760
Wax	27	86	113	0	11	0	27	38	95	106	56	17	0	274	18	76	519
Microcrystalline	7	23	30	0	0	0	20	20	95	9	6	17	0	127	0	0	177
Crystalline--Fully Refined	12	15	27	0	11	0	0	11	0	31	50	0	0	81	18	47	184
Crystalline--Other	8	48	56	0	0	0	7	7	0	66	0	0	0	66	0	29	158
Petroleum Coke	1,041	47	1,088	19	1,937	607	985	3,548	277	1,928	1,761	37	9	4,012	347	3,127	12,122
Marketable	394	0	394	0	1,056	479	572	2,107	56	877	1,014	24	0	1,971	188	2,276	6,936
Catalyst	647	47	694	19	881	128	413	1,441	221	1,051	747	13	9	2,041	159	851	5,186
Asphalt	1,654	24	1,678	114	1,311	400	661	2,486	476	460	1,135	762	81	2,914	650	1,189	8,917
Road Oil	0	0	0	0	0	0	5	5	0	0	0	0	0	0	2	-8	-1
Still Gas	1,502	125	1,627	62	2,186	265	1,308	3,821	407	3,690	2,646	128	60	6,931	575	3,269	16,223
For Petrochemical Feedstock Use	0	0	0	0	1	0	134	135	5	359	99	0	0	463	2	8	608
For Other Uses	1,502	125	1,627	62	2,185	265	1,174	3,686	402	3,331	2,547	128	60	6,468	573	3,261	15,615
Miscellaneous Products	158	37	195	3	100	20	45	168	160	1,172	766	48	0	2,146	22	235	2,766
Total Output	42,737	4,378	47,115	1,851	62 602	8,534	30,144	103,131	15,564	90,326	71,024	5,161	2,522	184,597	13,942	70,386	419,171
Processing Gain(-) or Loss(+)[1]	-1,774	-34	-1,808	-46	-2,341	-642	-861	-3,890	-83	-5,017	-2,254	-41	-11	-7,406	-156	-3,702	-16,962

[1] Represents the arithmetic difference between input and output.

Notes Total may not equal sum of components due to independent rounding
See Explanatory Notes on negative product yield

Source See Explanatory Notes on Data Collection and Estimation

Table 14. Refinery Production of Petroleum Products by PAD District, December 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,178	81	1,259	36	1,769	249	569	2,623	335	1,713	1,212	97	43	3,400	149	734	8,165
For Petrochemical Feedstock Use	313	0	313	0	195	0	98	293	24	1,535	219	7	0	1,785	-3	169	2,557
For Other Uses	865	81	946	36	1,574	249	471	2,330	311	178	993	90	43	1,615	152	565	5,608
Ethane	0	0	0	0	26	0	0	26	0	173	11	0	0	184	0	6	216
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	173	11	0	0	184	0	6	190
For Other Uses	0	0	0	0	26	0	0	26	0	0	0	0	0	0	0	0	26
Propane	948	81	1,029	36	1,727	249	554	2,566	312	2,036	1,082	80	35	3,545	130	960	8,230
For Petrochemical Feedstock Use	244	0	244	0	195	0	98	293	0	1,014	128	0	0	1,142	3	177	1,859
For Other Uses	704	81	785	36	1,532	249	456	2,273	312	1,022	954	80	35	2,403	127	783	6,371
Butane	230	0	230	0	16	0	15	31	-1	-619	238	14	1	-367	49	-242	-299
For Petrochemical Feedstock Use	69	0	69	0	0	0	0	0	0	324	80	7	0	411	0	-14	466
For Other Uses	161	0	161	0	16	0	15	31	-1	-943	158	7	1	-778	49	-228	-765
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	10	99	-119	3	7	0	-24	10	-14
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	10	0	0	0	0	10	0	0	10
For Other Uses	0	0	0	0	0	0	0	0	0	99	-119	3	7	-10	-24	10	-24
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	14	24	0	0	0	38	-6	0	32
Finished Motor Gasoline	19,390	1,651	21,041	1,114	37,057	4,440	16,482	59,093	7,406	42,946	33,055	2,083	1,215	86,705	7,255	29,996	204,090
Finished Leaded Motor Gasoline	8,808	880	9,688	593	17,762	2,692	10,195	31,242	4,097	17,708	17,517	1,506	758	41,586	4,772	14,001	101,289
Finished Unleaded Motor Gasoline	10,582	771	11,353	521	19,274	1,748	6,279	27,822	3,296	25,238	15,538	577	457	45,106	2,483	15,925	102,689
Gasohol	0	0	0	0	21	0	8	29	13	0	0	0	0	13	0	70	112
Finished Aviation Gasoline	7	0	7	0	89	0	18	107	5	280	120	0	0	405	20	195	734
Naphtha-Type Jet Fuel	749	122	871	0	359	81	427	867	598	835	392	143	369	2,337	332	1,245	5,652
Kerosene-Type Jet Fuel	1,357	99	1,456	90	2,386	129	612	3,217	688	4,741	6,915	22	31	12,397	415	6,165	23,650
Kerosene	157	88	245	0	646	-13	58	691	28	1,902	1,256	1	54	3,241	120	203	4,500
Distillate Fuel Oil	8,846	1,077	9,923	435	12,380	2,141	7,994	22,950	3,632	21,364	12,925	1,508	790	40,219	3,677	11,779	88,548
Distillate Fuel Oil Less No. 4	8,846	1,064	9,910	435	12,297	2,141	7,994	22,867	3,589	21,027	12,929	1,427	561	39,533	3,649	11,672	87,631
No. 4 Fuel Oil	0	13	13	0	83	0	0	83	43	337	-4	81	229	686	28	107	917
Residual Fuel Oil	5,581	455	6,036	76	3,156	687	847	4,766	920	9,088	7,083	589	167	17,847	501	12,048	41,198
Naphtha < 400 Deg. For Petro. Feed. Use	382	0	382	0	377	0	30	407	430	3,658	345	33	0	4,466	0	175	5,430
Other Oils > 400 Deg. For Petro. Feed. Use	10	71	81	0	1,406	0	0	1,406	356	3,549	2,776	48	0	6,729	0	376	8,592
Special Naphthas	10	20	30	0	264	0	138	402	115	714	34	228	0	1,091	6	21	1,550
Lubricants	398	461	859	0	488	0	398	886	29	2,082	646	198	1	2,956	29	402	5,132
Bright Stock	84	209	293	0	25	0	14	39	0	128	71	0	0	199	0	27	558
Neutral	197	236	433	0	341	0	278	619	0	1,194	442	82	0	1,718	29	268	3,067
Other Grades	117	16	133	0	122	0	106	228	29	760	133	116	1	1,039	0	107	1,507
Wax	17	80	97	0	8	0	35	43	102	138	62	22	0	324	24	66	554
Microcrystalline	0	29	29	0	0	0	14	14	102	18	3	22	0	145	0	0	188
Crystalline--Fully Refined	12	12	24	0	4	0	14	18	0	48	59	0	0	107	24	38	211
Crystalline--Other	5	39	44	0	4	0	7	11	0	72	0	0	0	72	0	28	155
Petroleum Coke	1,160	28	1,188	20	2,187	305	1,045	3,557	297	2,159	1,714	134	10	4,314	358	3,638	13,055
Marketable	470	0	470	0	1,173	180	642	1,995	56	978	981	108	0	2,123	216	2,785	7,589
Catalyst	690	28	718	20	1,014	125	403	1,562	241	1,181	733	26	10	2,191	142	853	5,466
Asphalt	1,039	20	1,059	136	964	340	757	2,197	428	530	818	605	73	2,454	646	977	7,333
Road Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-6	-5
Still Gas	1,562	140	1,702	71	2,347	274	1,302	3,994	393	4,106	2,759	155	50	7,463	519	3,544	17,222
For Petrochemical Feedstock Use	0	0	0	0	1	0	0	1	5	461	107	0	0	573	17	7	598
For Other Uses	1,562	140	1,702	71	2,346	274	1,302	3,993	388	3,645	2,652	155	50	6,890	502	3,537	16,624
Miscellaneous Products	161	35	196	4	100	18	44	166	160	1,541	759	26	0	2,486	19	311	3,178
Total Output	42,004	4,428	46,432	1,982	65,983	8,651	30,756	107,372	15.922	101,346	72,871	5,892	2,803	198,834	14,071	71.869	438,578
Processing Gain(-) or Loss(+)[1]	-1,976	-31	-2,007	-64	-2,720	-501	-687	-3,972	-249	-4,518	-2,236	-109	9	-7,103	-309	-4,131	-17,522

[1] Represents the arithmetic difference between input and output.

Notes: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yield.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] January 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	42.3	39.3	42.0	56.6	51.9	52.6	53.8	52.6	46.2	34.6	43.1	24.5	32.8	38.3	49.5	40.7	43.1
Finished Aviation Gasoline[3]	.1	.0	1	.0	.2	.0	.3	.2	(s)	.3	.3	.0	.0	.3	.3	.3	.2
Liquefied Refinery Gases & Ethane	3.0	2.7	3.0	1.6	2.9	2.3	1.9	2.6	1.9	2.7	2.6	1.5	1.1	2.5	1.4	1.5	2.4
Naphtha-Type Jet Fuel	1.1	1.5	1.1	0	.4	1.8	1.8	.9	2.5	.6	.9	2.3	12.1	1.1	2.8	1.9	1.2
Kerosene-Type Jet Fuel	3.2	2.4	3.1	0	4.5	1.8	3.7	4.0	3.7	5.0	9.2	.4	.9	6.2	3.8	9.8	5.8
Kerosene	6	2.8	.8	3.8	1.7	.3	(s)	1.2	.1	1.7	3.1	.0	2.4	2.0	.7	.3	1.3
Distillate Fuel Oil	24.9	24.3	24.8	21.0	22.3	24.0	28.5	24.2	22.9	23.5	19.5	28.5	27.6	22.2	26.2	15.2	22.0
Residual Fuel Oil	17.1	10.8	16.5	9.2	5.6	6.6	4.7	5.5	6.0	11.1	10.0	16.6	16.3	10.5	5.1	23.2	11.9
Naphtha < 400 Deg. F. Petro. Feed. Use	.9	0	.8	0	6	0	3	.5	2.6	5.6	1.9	.8	0	3.8	.1	.2	1.9
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.5	.2	0	2.2	0	0	1.4	3.6	7.6	1.8	1.1	0	4.8	0	.4	2.6
Special Naphthas	1	.8	.2	0	.5	0	5	.4	1.1	1.1	-.2	5.5	0	.8	.2	.5	.6
Lubricants	1.0	6.8	1.6	0	.8	0	1.1	.8	.2	2.1	.9	2.6	.0	1.5	.1	.8	1.2
Wax	(s)	1.6	2	0	(s)	0	.1	(s)	.7	.2	.1	.5	0	.2	.0	.1	.1
Petroleum Coke	2.8	6	2.5	1.1	2.6	3.7	3.8	3.0	1.9	2.2	2.4	1.2	.5	2.2	2.6	5.3	3.0
Asphalt	2.2	1.6	2.2	5.7	3.6	6.1	2.1	3.4	3.0	.5	1.3	12.9	3.2	1.5	4.9	2.2	2.2
Road Oil	0	0	0	0	0	0	.0	.0	0	0	0	.0	0	.0	.0	(s)	(s)
Still Gas for Petro Feed Use	.1	0	1	0	.2	0	0	.1	1	.6	.1	0	0	.4	(s)	(s)	.2
Still Gas for Other Uses	4.2	3.2	4.1	0	4.2	11.7	4.4	4.8	2.8	3.9	3.7	3.0	2.4	3.7	4.5	4.0	4.1
Miscellaneous Products	7	7	7	2	2	2	2	.2	2.5	1.8	.5	.4	0	1.3	.2	.3	.8
Processing Gain(-) or Loss(+)[4]	-4.4	-.5	-4.1	.8	-4.5	-11.3	-7.1	-5.7	-1.9	-5.2	-1.3	-1.8	.6	-3.3	-2.4	-6.6	-4.5

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components

[4] Represents the arithmetic difference between Input and Production

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] February 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	43.3	40.4	43.0	57.4	51.6	56.9	52.9	52.4	44.8	36.6	42.2	26.5	35.1	38.8	50.2	40.5	43.3
Finished Aviation Gasoline[3]	-.1	.0	-.1	.0	.1	.0	.3	.1	.1	.2	.2	.0	.0	.2	.3	.2	.1
Liquefied Refinery Gases & Ethane	3.2	3.0	3.2	2.2	3.1	3.3	2.4	2.9	2.1	2.5	2.8	1.5	1.0	2.5	1.1	1.8	2.5
Naphtha-Type Jet Fuel	1.4	1.1	1.4	0	.5	1.4	1 4	.8	3.1	.6	.6	2.3	9.8	1.0	3.0	2.5	1.3
Kerosene-Type Jet Fuel	4.0	2.4	3.9	0	5.4	1.5	2.8	4.3	4.0	4.6	9.8	.5	1.4	6.1	4.2	9.7	5.9
Kerosene	.9	2.6	1.1	4.2	1.1	.0	(s)	.8	.4	1.9	2.5	(s)	2.3	1.9	.4	.3	1.2
Distillate Fuel Oil	22.5	24.9	22.8	20.2	20.8	23.5	24.9	22.2	23.8	25.2	18.1	28.0	29.0	22.9	26.2	14.3	21.4
Residual Fuel Oil	16.9	8.2	16.0	11.7	6.8	5.7	4.5	6.1	5.9	10.6	10.4	14.0	13.9	10.3	4.2	23.7	11.9
Naphtha < 400 Deg. F. Petro. Feed. Use	.8	0	.7	0	.7	0	.2	.5	2.3	4.5	2.5	.2	0	3.5	.1	.1	1.8
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.7	.2	0	2.3	0	(s)	1.4	3.1	6.4	4.3	.4	0	5.1	0	.4	2.7
Special Naphthas	.2	.9	.2	.0	.5	0	.5	.5	1.3	1.3	.2	5.1	0	1.0	.2	.6	.7
Lubricants	1.1	7.6	1.7	0	.8	0	1.5	1.0	.2	2.3	1.2	3.1	.0	1.7	.2	.7	1.3
Wax	.1	1.4	.2	0	(s)	0	.1	.1	.4	.1	.2	.4	0	.2	.1	.1	.1
Petroleum Coke	2.6	.6	2.4	1.1	3.2	4.3	3.7	3.3	1.9	2.4	2.0	1.2	.6	2.2	2.7	3.8	2.8
Asphalt	2.2	2.1	2.2	2.3	2.4	5.7	2.4	2.6	3.4	.7	1.3	13.5	3.5	1.6	4.3	1.7	2.0
Road Oil	0	0	0	0	(s)	0	.0	(s)	0	0	0	.0	0	.0	.0	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	.1	.5	.2	0	0	.3	(s)	(s)	.2
Still Gas for Other Uses	4.4	3.6	4.3	0	4.2	13.5	4.6	4.8	2.6	4.4	3.4	3.1	2.7	3.9	4.7	4.0	4.2
Miscellaneous Products	.5	.6	.5	.1	.2	.3	.1	.2	2.6	1.6	.8	.6	0	1.4	.2	.3	.8
Processing Gain(-) or Loss(+)[4]	-4.1	-1.0	-3.8	.7	-3.7	-16.1	-2.3	-4.0	-2.0	-6.4	-2.7	-.3	.8	-4.5	-2.0	-4.9	-4.3

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] March 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	44.4	43.5	44.3	60.8	53.2	55.4	53.3	53.5	46.5	37.3	41.5	28.6	32.8	39.1	49.5	39.6	43.5
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	(s)	0	.3	1	(s)	.4	.2	.0	.0	.3	.2	.2	.2
Liquefied Refinery Gases & Ethane	3.6	3.5	3.6	2.2	3.0	2.8	2.4	2.8	1.9	2.3	2.8	1.9	1.9	2.4	.9	2.0	2.5
Naphtha-Type Jet Fuel	1.9	1.1	1.8	0	6	2.2	1.6	1.0	3.5	.9	1.3	1.7	12.5	1.4	3.5	1.9	1.5
Kerosene-Type Jet Fuel	4.6	2.8	4.4	0	5.2	1.7	3.4	4.4	4.7	5.5	10.0	3	1.5	6.7	4.9	10.0	6.4
Kerosene	2	2.3	4	2.0	1.0	- 1	- 1	.6	.1	2.0	1.5	(s)	2.1	1.6	.2	.3	1.0
Distillate Fuel Oil	19.6	22.4	19.9	20.4	19.4	20.6	25.3	21.2	22.8	20.6	19.0	28.4	37.5	20.7	28.3	14.1	19.8
Residual Fuel Oil	17.6	7.4	16.7	7.6	5.6	4.4	3.1	4.8	6.5	10.3	10.0	11.3	7.6	9.9	4.5	21.7	11.4
Naphtha < 400 Deg F Petro Feed Use	1.3	0	1.1	0	6	0	4	5	1.7	5.9	2.1	.5	0	4.1	.1	.2	2.1
Other Oils > 400 Deg F Petro Feed Use	(s)	1.3	1	0	2.5	0	(s)	1.6	2.7	7.1	4.7	.5	0	5.6	0	.2	2.9
Special Naphthas	2	.4	2	0	6	0	7	5	1.1	1.2	1	5.4	0	.9	.2	.5	.7
Lubricants	1.3	7.9	1.9	0	8	0	9	7	2	2.4	1.4	3.5	(s)	1.9	.3	.6	1.4
Wax	1	1.5	2	0	(s)	0	1	(s)	6	.2	.2	5	0	.2	.1	.1	.2
Petroleum Coke	2.9	.6	2.7	1.0	3.5	4.2	3.7	3.5	1.8	2.3	2.6	1.3	.6	2.3	2.6	4.6	3.0
Asphalt	2.5	2.1	2.5	5.5	1.7	9.3	3.5	2.8	2.4	7	1.4	13.5	-4.2	1.4	4.4	2.5	2.1
Road Oil	0	0	0	0	1	0	(s)	.1	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro Feed Use	(s)	0	(s)	0	(s)	0	0	(s)	(s)	3	1	0	0	.2	(s)	(s)	.1
Still Gas for Other Uses	4.1	3.6	4.1	4.1	4.8	3.7	4.7	4.7	3.0	4.3	3.6	3.2	2.3	3.9	4.1	4.4	4.2
Miscellaneous Products	5	.8	5	.1	2	3	1	2	2.7	9	.9	.6	0	1.0	.2	.5	.7
Processing Gain(-) or Loss(+)[4]	-4.9	-1.4	-4.5	-3.7	-2.8	-4.4	-3.5	-3.1	-2.4	-4.5	-3.5	-1.0	5.4	-3.8	-4.0	-3.2	-3.6

[1] Based on crude oil input and net reruns of unfinished oils

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components

[4] Represents the arithmetic difference between Input and Production

(s) Less than 0.05 percent

Note: Total may not equal sum of components due to independent rounding

See Explanatory Notes on negative product yields

Source: See Explanatory Notes on Data Collection and Estimation

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] April 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	44.9	42.2	44.6	64.4	52.8	57.1	51.7	53.0	42.9	37.6	43.5	26.6	40.6	39.9	47.7	40.1	43.7
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.4	.0	.4	.3	.2	.2	.3	.0	.0	.2	.2	.4	.3
Liquefied Refinery Gases & Ethane	3.7	3.8	3.7	2.4	3.1	2.6	2.5	2.8	1.6	3.1	2.5	1.8	1.6	2.7	1.2	1.5	2.6
Naphtha-Type Jet Fuel	1.7	3.9	1.9	0	.8	2.2	2.2	1.3	2.9	.5	.7	3.4	11.9	1.0	3.0	2.1	1.4
Kerosene-Type Jet Fuel	4.5	2.4	4.2	0	5.3	2.2	2.7	4.2	4.5	5.7	9.9	.2	1.2	6.9	4.2	9.6	6.4
Kerosene	.4	.8	.5	5.2	.7	.2	.4	.6	.2	1.9	1.5	(s)	.5	1.6	.1	.3	1.0
Distillate Fuel Oil	19.4	21.7	19.7	14.6	19.7	18.8	25.2	21.1	24.0	19.0	20.3	27.1	28.9	20.2	28.7	14.2	19.6
Residual Fuel Oil	13.7	7.4	13.0	4.9	5.1	4.6	3.5	4.6	6.0	11.3	8.5	11.9	7.2	9.8	3.8	21.2	10.7
Naphtha < 400 Deg. F. Petro. Feed. Use	1.3	0	1.1	0	.5	0	.3	.4	2.5	5.4	1.7	.6	0	3.6	.1	.3	2.0
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.7	.2	0	2.6	0	.0	1.6	3.0	7.7	4.4	.5	0	5.8	0	.5	3.2
Special Naphthas	.1	.5	.2	.0	.5	0	.8	.6	1.3	1.3	.1	5.2	0	.9	.2	.2	.6
Lubricants	1.6	7.5	2.3	0	.7	0	1.4	.9	.2	2.5	1.1	3.5	.1	1.8	.2	.8	1.4
Wax	.1	2.4	.3	0	(s)	0	.1	.1	.4	.2	.2	.6	0	.2	.1	.1	.2
Petroleum Coke	2.9	.7	2.6	1.0	3.5	4.9	4.3	3.8	1.8	2.2	2.5	1.2	.8	2.2	2.8	4.3	3.0
Asphalt	4.9	2.5	4.6	7.6	3.6	8.2	3.1	3.9	3.7	.7	1.5	13.9	2.7	1.7	5.0	2.4	2.7
Road Oil	0	0	0	0	(s)	0	(s)	.0	0	0	0	(s)	0	(s)	.1	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.5	.1	0	0	.3	(s)	(s)	.2
Still Gas for Other Uses	4.5	4.0	4.5	4.1	4.8	4.2	5.0	4.8	3.0	4.2	3.9	3.0	2.6	4.0	4.3	4.6	4.3
Miscellaneous Products	.7	.5	.6	.1	.2	.3	.2	.2	2.5	.8	.6	.9	0	.9	.1	.4	.6
Processing Gain(-) or Loss(+)[4]	-4.6	-1.9	-4.3	-4.2	-4.3	-5.2	-3.7	-4.2	-.6	-4.7	-3.3	-.3	1.8	-3.7	-1.8	-3.1	-3.7

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] May 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	42.6	37.8	42.0	63.0	54.4	51.7	52.2	53.7	41.5	37.5	42.9	29.4	36.3	39.4	46.8	41.9	43.6
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.5	.0	.3	.4	.2	.2	.5	.0	.0	.3	.3	.4	.3
Liquefied Refinery Gases & Ethane	3.8	2.9	3.7	2.2	3.1	2.5	2.2	2.8	1.5	3.1	2.2	2.2	2.5	2.6	.1	2.3	2.6
Naphtha-Type Jet Fuel	2.9	5.5	3.2	0	.9	1.9	1.9	1.2	3.0	1.0	.8	3.0	15.6	1.3	2.6	1.8	1.6
Kerosene-Type Jet Fuel	2.5	2.5	2.5	0	5.9	.7	2.2	4.3	3.4	6.1	10.7	.3	.7	7.3	4.1	10.0	6.5
Kerosene	.4	.7	.4	4.1	.5	.5	.4	.6	.6	1.7	1.4	(s)	.8	1.4	.1	.3	.9
Distillate Fuel Oil	20.9	23.1	21.2	17.0	18.6	23.6	25.7	21.1	23.9	19.8	18.3	28.1	29.9	19.9	29.5	15.0	19.7
Residual Fuel Oil	13.4	8.2	12.8	5.7	4.4	4.6	3.6	4.2	6.3	10.6	7.9	9.0	7.8	9.3	3.0	18.7	9.8
Naphtha < 400 Deg. F. Petro. Feed. Use	1.4	0	1.2	0	.7	0	.3	.5	3.2	4.5	2.0	.8	0	3.4	(s)	.3	1.9
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.8	.2	0	2.7	0	(s)	1.6	3.5	7.6	6.2	1.0	0	6.5	0	.6	3.6
Special Naphthas	(s)	.7	.1	.0	.5	0	.7	.5	1.0	1.4	.1	3.6	0	.9	(s)	.3	.6
Lubricants	1.5	9.6	2.4	0	.8	0	1.5	.9	.3	2.3	1.3	3.9	(s)	1.8	.4	.7	1.4
Wax	.1	1.6	.3	0	(s)	0	.1	.1	.5	.2	.2	.4	0	.2	.1	.2	.2
Petroleum Coke	3.0	.7	2.8	1.2	3.6	6.0	4.1	3.9	1.8	2.2	2.7	1.5	.4	2.3	2.1	4.4	3.1
Asphalt	6.4	1.9	5.9	5.4	3.7	10.5	2.9	4.1	3.8	.8	1.9	14.1	3.2	1.8	7.8	2.9	3.1
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	.1	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.4	.1	0	0	.3	(s)	(s)	.1
Still Gas for Other Uses	4.7	3.2	4.5	4.2	5.0	3.3	4.6	4.7	3.2	4.1	4.1	3.4	3.0	4.0	4.3	4.7	4.3
Miscellaneous Products	.7	1.0	.8	.1	.3	.2	.2	.2	2.6	.6	.6	.7	0	.7	.1	.5	.6
Processing Gain(-) or Loss(+)[4]	-4.6	-1.2	-4.2	-2.9	-5.7	-5.5	-2.7	-4.7	-.3	-3.8	-3.6	-1.1	-.2	-3.4	-1.5	-5.0	-4.0

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] June 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	47.5	33.7	46.4	54.7	55.5	52.5	52.8	54.4	43.3	36.7	42.4	27.5	34.2	38.9	46.7	42.1	44.1
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.3	.2	.4	.4	.3	.0	.0	.3	.3	.4	.3
Liquefied Refinery Gases & Ethane	3.7	2.4	3.6	1.8	3.1	2.4	2.0	2.7	2.1	2.8	1.8	1.9	1.5	2.4	1.0	2.6	2.6
Naphtha-Type Jet Fuel	2.2	6.3	2.5	0	1.0	1.5	1.7	1.2	2.2	1.0	.8	3.0	12.5	1.3	3.5	2.1	1.6
Kerosene-Type Jet Fuel	2.9	3.1	2.9	0	5.5	1.9	2.5	4.2	4.2	6.6	9.1	.2	1.3	7.0	4.7	8.9	6.2
Kerosene	.4	-.2	.4	3.0	.5	-.1	-.1	.3	(s)	1.8	1.6	(s)	1.5	1.5	.1	.2	.8
Distillate Fuel Oil	21.0	25.9	21.4	22.3	17.9	23.3	25.8	20.8	24.3	20.3	18.6	26.8	32.4	20.4	28.4	14.1	19.7
Residual Fuel Oil	11.3	6.3	10.9	5.6	4.3	4.7	3.2	4.0	5.7	9.8	8.0	9.7	9.5	8.9	3.3	19.2	9.7
Naphtha < 400 Deg. F. Petro. Feed. Use	.9	0	.8	0	.6	0	.3	.4	2.7	5.2	2.1	.5	0	3.7	(s)	.3	1.9
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	2.4	.2	0	2.5	0	(s)	1.5	2.8	7.1	7.0	1.0	0	6.4	0	.6	3.3
Special Naphthas	(s)	.8	.1	.0	.5	0	.6	.5	.7	1.1	.1	4.7	0	.9	.1	.2	.5
Lubricants	1.1	8.7	1.8	0	1.1	0	1.5	1.1	.1	2.3	1.3	4.0	.0	1.8	.3	.5	1.3
Wax	.1	2.0	.3	0	(s)	0	.1	(s)	.4	.2	.2	.7	0	.2	(s)	.1	.2
Petroleum Coke	2.5	.7	2.3	.9	3.6	9.5	3.6	4.0	2.0	2.3	3.0	1.4	.4	2.5	2.3	4.3	3.1
Asphalt	5.6	2.4	5.4	8.3	4.4	10.0	3.8	4.7	3.6	.7	1.5	14.9	3.5	1.7	6.7	2.8	3.1
Road Oil	0	0	0	0	(s)	0	.1	(s)	0	0	0	.0	0	.0	.1	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.3	.1	0	0	.2	(s)	(s)	.1
Still Gas for Other Uses	4.3	3.2	4.3	4.2	4.8	3.4	5.0	4.8	3.3	4.6	4.5	3.1	2.5	4.4	4.4	4.8	4.5
Miscellaneous Products	.6	.7	.6	.2	.2	.3	.1	.2	2.5	.8	.7	.6	0	.9	.2	.5	.6
Processing Gain(-) or Loss(+)[4]	-4.4	1.6	-3.9	-.9	-5.6	-9.4	-3.3	-5.1	-.2	-3.9	-3.3	(s)	.8	-3.2	-2.3	-3.7	-3.8

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] July 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	48.4	34.3	47.2	57.1	56.2	50.8	51.6	54.5	44.0	37.0	43.6	28.0	38.4	39.8	48.6	42.9	44.9
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.3	.0	.2	.2	.7	.4	.3	.0	.0	.4	.4	.6	.3
Liquefied Refinery Gases & Ethane	3.4	2.4	3.3	1.9	3.2	2.4	1.7	2.7	1.4	2.9	2.2	2.1	1.9	2.5	.9	1.9	2.5
Naphtha-Type Jet Fuel	2.1	6.4	2.5	0	.8	1.3	1.8	1.1	4.2	1.2	.6	3.9	12.4	1.5	3.2	2.3	1.7
Kerosene-Type Jet Fuel	2.4	2.8	2.4	0	5.2	2.4	3.2	4.3	5.0	6.8	10.3	.3	.6	7.6	4.5	10.2	6.6
Kerosene	(s)	.4	(s)	2.6	.7	.1	(s)	.5	.5	1.4	1.2	.1	1.7	1.2	.1	.3	.7
Distillate Fuel Oil	20.9	25.7	21.3	21.7	16.6	22.5	25.9	19.9	23.5	19.7	17.6	27.1	32.3	19.7	27.5	14.2	19.2
Residual Fuel Oil	10.3	7.0	10.1	8.0	4.7	9.0	3.2	4.7	3.5	9.3	8.8	8.5	5.2	8.5	2.7	18.9	9.4
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.1	0	.4	.2	2.9	5.4	1.7	.0	0	3.7	.1	.3	1.8
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	2.6	.2	0	2.1	0	(s)	1.3	3.0	5.9	5.9	1.0	0	5.4	0	.5	2.8
Special Naphthas	(s)	.8	.1	0	.6	0	.6	.5	.8	1.2	.1	5.1	0	.9	(s)	.3	.6
Lubricants	1.2	9.2	1.8	0	1.0	0	1.6	1.1	.1	2.3	1.0	3.7	.0	1.7	.2	.6	1.3
Wax	.1	2.3	.3	0	(s)	0	.1	(s)	.4	.2	.1	.6	0	.2	.1	.1	.2
Petroleum Coke	2.6	.9	2.5	1.1	3.4	4.1	3.6	3.5	2.0	2.4	2.9	1.3	.4	2.5	2.3	4.3	3.0
Asphalt	6.8	1.4	6.3	6.8	4.2	7.0	3.8	4.4	3.7	.8	1.9	14.9	3.5	1.9	7.4	2.7	3.3
Road Oil	0	0	0	0	.1	0	(s)	.1	0	0	0	.0	0	.0	.2	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.4	.1	0	0	.3	(s)	(s)	.1
Still Gas for Other Uses	4.8	3.2	4.7	4.1	4.9	3.4	4.6	4.7	3.1	5.2	4.2	3.6	2.6	4.5	4.3	4.8	4.6
Miscellaneous Products	.4	.9	5	.2	.2	.2	.1	.2	2.6	1.1	.6	.4	0	1.0	.2	.4	.6
Processing Gain(-) or Loss(+)[4]	-4.6	-.4	-4.3	-3.4	-4.3	-3.0	-2.5	-3.7	-1.5	-3.4	-3.3	-.7	.9	-3.1	-2.6	-5.4	-3.7

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note Total may not equal sum of components due to independent rounding.

See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] August 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	47.8	35.7	46.8	61.9	56.5	51.4	51.4	54.6	43.9	40.0	44.3	26.9	40.8	41.5	49.2	41.6	45.5
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.3	.0	.2	.2	.7	.3	.4	.0	.0	.4	.2	.5	.3
Liquefied Refinery Gases & Ethane	3.8	2.5	3.7	2.1	3.0	2.0	1.7	2.5	1.4	3.4	2.1	2.0	2.7	2.7	.7	2.0	2.6
Naphtha-Type Jet Fuel	2.0	5.3	2.3	0	.9	1.3	1.8	1.2	4.3	1.0	.7	3.1	10.6	1.4	3.0	2.4	1.7
Kerosene-Type Jet Fuel	3.2	2.1	3.1	0	4.0	.6	2.1	3.1	4.2	5.7	8.4	.4	.8	6.3	4.0	9.8	5.7
Kerosene	(s)	1.4	.1	.7	.8	.6	.1	.6	.6	1.2	1.4	.0	2.5	1.2	.2	.2	.7
Distillate Fuel Oil	20.2	24.8	20.6	20.3	18.5	24.1	26.7	21.5	23.8	20.2	19.0	27.5	31.4	20.5	27.4	15.3	20.1
Residual Fuel Oil	10.9	6.3	10.5	7.9	4.6	8.3	3.4	4.6	5.4	8.5	8.9	8.7	4.6	8.3	3.2	18.8	9.3
Naphtha < 400 Deg. F. Petro. Feed. Use	.8	0	.8	0	.1	0	.3	.2	2.9	4.6	1.8	.0	0	3.3	(s)	.4	1.7
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.9	.2	0	2.5	0	(s)	1.5	3.3	5.5	5.9	1.1	0	5.3	.0	.4	2.8
Special Naphthas	(s)	.7	.1	.0	.4	0	.3	.3	.8	1.1	.1	4.5	0	.8	(s)	.2	.5
Lubricants	.9	9.7	1.7	0	.8	0	1.4	.9	.2	2.3	1.2	4.3	-.1	1.8	.3	.5	1.3
Wax	.1	2.0	.3	0	(s)	0	.1	.1	.7	.2	.2	.5	0	.2	.1	.1	.2
Petroleum Coke	2.8	.8	2.6	1.2	3.3	4.0	3.8	3.4	1.8	2.4	2.5	1.3	.4	2.3	2.3	4.4	3.0
Asphalt	7.0	3.5	6.7	5.4	3.6	7.6	3.1	3.8	3.6	.9	1.7	15.9	4.1	1.9	6.0	3.5	3.3
Road Oil	0	0	0	0	.1	0	.1	.1	0	.1	0	.0	0	(s)	.2	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.8	.2	0	.0	.5	(s)	(s)	.2
Still Gas for Other Uses	4.3	3.2	4.2	4.3	4.7	3.4	4.9	4.6	3.0	4.0	4.1	3.3	2.2	3.9	4.3	4.7	4.2
Miscellaneous Products	.5	1.1	.5	.2	.2	.3	.2	.2	.9	1.2	.9	.9	0	1.1	.2	.3	.7
Processing Gain(-) or Loss(+)[4]	-4.6	-1.0	-4.3	-3.9	-4.4	-3.6	-1.7	-3.5	-1.4	-3.3	-3.9	-.4	.1	-3.2	-1.5	-5.2	-3.7

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] September 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	47.7	39.2	46.9	60.4	54.1	50.5	51.6	53.2	43.9	41.0	43.3	27.6	38.6	41.8	49.2	41.7	45.2
Finished Aviation Gasoline[3]	.1	.0	.1	.0	.2	.0	.2	.2	1.2	.3	.2	.0	.0	.3	.4	.4	.3
Liquefied Refinery Gases & Ethane	3.7	2.1	3.6	2.1	3.0	2.7	1.8	2.6	1.8	3.0	2.2	2.0	2.6	2.6	.9	1.8	2.5
Naphtha-Type Jet Fuel	2.3	2.8	2.3	0	.8	1.2	1.9	1.1	3.7	1.2	.6	2.9	14.7	1.4	2.8	1.8	1.5
Kerosene-Type Jet Fuel	3.3	2.1	3.2	0	3.6	1.9	2.6	3.1	4.0	5.2	8.5	.6	1.0	6.1	4.4	9.6	5.6
Kerosene	.1	3.2	.4	2.0	.9	.6	-.2	.5	.4	.8	1.7	.1	.7	1.1	.2	.2	.7
Distillate Fuel Oil	20.4	22.7	20.6	20.3	19.5	22.5	26.9	22.0	23.5	19.4	19.4	28.0	31.6	20.1	27.1	15.7	20.1
Residual Fuel Oil	11.6	6.5	11.1	7.1	5.0	9.4	3.6	4.9	5.2	10.5	9.3	9.5	5.1	9.5	3.7	18.6	9.9
Naphtha < 400 Deg. F. Petro. Feed. Use	.8	0	.7	0	.7	0	.2	.5	3.2	4.0	1.8	.0	0	3.0	.0	.4	1.6
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	2.4	.3	0	2.0	0	(s)	1.2	3.3	5.3	5.1	1.0	0	4.9	.0	.6	2.6
Special Naphthas	(s)	.8	.1	.0	.4	0	.3	.3	.8	1.1	.1	4.7	0	.8	(s)	.2	.5
Lubricants	.6	10.4	1.5	0	.9	0	1.2	.9	.1	1.9	1.0	3.3	.0	1.4	.4	.6	1.1
Wax	.1	1.8	.2	0	(s)	0	1	(s)	.6	.1	.1	.4	0	.2	.1	.1	.1
Petroleum Coke	2.5	1.1	2.4	1.3	3.5	2.8	3.9	3.6	1.9	2.9	2.7	1.3	.4	2.7	2.5	4.6	3.2
Asphalt	6.3	3.0	6.0	7.6	4.0	8.9	3.0	4.1	3.3	.4	1.7	14.8	4.0	1.5	5.8	3.2	3.0
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	(s)	0	(s)	.3	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	1	0	(s)	0	0	(s)	(s)	.5	.1	0	.0	.3	.0	(s)	.2
Still Gas for Other Uses	4.4	3.4	4.3	3.6	4.5	3.1	4.7	4.5	3.2	4.2	3.9	3.2	2.5	3.9	3.5	5.2	4.3
Miscellaneous Products	.4	.6	.5	.1	1.2	.2	.2	.8	.9	1.7	1.1	.9	0	1.4	.1	.3	.9
Processing Gain(-) or Loss(+)[4]	-4.3	-2.0	-4.1	-4.6	-4.3	-3.6	-2.1	-3.6	-1.1	-3.4	-3.0	-.3	-1.1	-2.9	-1.5	-4.9	-3.5

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] October 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	48.0	38.0	47.0	57.6	55.0	51.1	54.0	54.4	45.7	39.9	43.7	21.3	41.1	41.4	52.4	42.5	45.6
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.3	.0	.1	.2	.9	.3	.4	.0	.0	.4	.3	.5	.3
Liquefied Refinery Gases & Ethane	3.1	2.4	3.1	2.3	3.3	2.7	1.4	2.7	1.6	3.2	2.1	1.6	1.6	2.5	.7	1.8	2.4
Naphtha-Type Jet Fuel	2.2	4.0	2.4	0	.6	1.6	1.8	1.1	2.6	1.1	.9	3.5	13.0	1.4	2.2	2.0	1.5
Kerosene-Type Jet Fuel	3.8	2.6	3.7	2.7	4.2	1.4	2.9	3.6	3.7	4.8	9.2	.9	.7	6.3	3.1	9.4	5.8
Kerosene	.3	2.1	.5	-.3	.7	.0	-.2	.4	.6	1.0	1.5	(s)	2.2	1.2	.3	.2	.7
Distillate Fuel Oil	19.2	23.0	19.6	21.9	19.1	24.8	26.5	22.0	23.4	20.7	20.2	27.4	29.9	21.1	27.4	15.1	20.3
Residual Fuel Oil	13.5	9.2	13.1	7.6	5.2	5.6	3.6	4.8	5.4	8.8	8.7	11.9	5.0	8.5	4.4	20.2	10.1
Naphtha < 400 Deg. F. Petro. Feed. Use	.6	0	.6	0	.2	0	.3	.2	2.5	4.6	1.4	.2	0	3.0	0	.4	1.5
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.7	.2	0	2.6	0	.0	1.5	3.1	6.5	4.5	1.2	0	5.2	0	.7	2.8
Special Naphthas	.0	.6	.1	.0	.5	0	.2	.4	.7	1.2	.1	5.2	0	.8	(s)	.2	.5
Lubricants	1.1	9.8	2.0	0	.7	0	1.3	.8	.2	2.4	1.1	4.7	.0	1.7	.2	.6	1.3
Wax	.1	1.9	.3	0	(s)	0	.1	.1	.7	.2	.1	.4	0	.2	.1	.1	.1
Petroleum Coke	2.7	1.2	2.5	1.3	3.4	4.5	3.9	3.6	1.9	2.6	2.6	.4	.4	2.5	2.7	4.4	3.1
Asphalt	5.8	.6	5.3	5.3	3.8	8.7	2.4	3.8	3.4	.3	1.9	17.6	4.1	1.7	4.8	2.0	2.8
Road Oil	0	0	0	0	.0	0	(s)	(s)	0	0	0	.0	0	.0	(s)	.0	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.4	.1	0	0	.3	(s)	(s)	.1
Still Gas for Other Uses	4.2	3.3	4.1	4.0	4.4	3.4	4.6	4.4	3.0	4.1	3.7	2.6	2.8	3.8	4.0	5.0	4.2
Miscellaneous Products	.4	1.2	.5	.1	1.3	.3	.3	.9	2.4	1.7	.5	1.0	0	1.3	.1	.3	.9
Processing Gain(-) or Loss(+)[4]	-5.4	-1.7	-5.1	-2.5	-5.6	-4.1	-3.2	-4.6	-1.7	-3.9	-2.8	(s)	-.8	-3.1	-2.6	-5.3	-4.0

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] November 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	44.6	36.0	43.7	53.6	54.3	51.0	53.8	53.9	44.9	41.8	44.9	26.0	39.9	42.8	50.4	43.2	45.9
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	(s)	.2	.2	.3	.2	.0	.0	.2	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.3	2.3	3.2	1.9	3.0	2.8	1.2	2.4	1.8	2.9	2.4	1.6	2.9	2.6	.5	1.4	2.4
Naphtha-Type Jet Fuel	2.4	3.6	2.5	0	.6	1.2	1.6	.9	4.4	.9	.6	2.5	9.7	1.3	3.4	2.6	1.6
Kerosene-Type Jet Fuel	3.5	2.2	3.3	4.7	3.8	.8	2.4	3.2	4.7	5.0	9.6	.4	.7	6.6	3.7	10.3	5.9
Kerosene	.6	1.2	.7	0	.9	.7	.1	.6	.2	1.6	1.7	(s)	3.4	1.5	.6	.4	1.0
Distillate Fuel Oil	23.0	24.5	23.2	22.4	22.1	28.1	27.7	24.3	22.6	21.3	20.0	26.9	32.3	21.2	26.8	16.0	21.5
Residual Fuel Oil	13.8	11.2	13.5	8.2	5.2	6.6	3.1	4.7	6.0	9.6	8.3	10.6	5.2	8.7	3.5	17.8	9.7
Naphtha < 400 Deg. F. Petro. Feed. Use	.9	0	.8	0	.5	0	.3	.4	2.5	4.4	.5	.9	0	2.5	0	.5	1.4
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.6	.2	0	2.3	0	.0	1.4	2.8	5.4	4.3	1.2	0	4.6	0	.5	2.4
Special Naphthas	.0	.3	(s)	.0	.5	0	.4	.4	.8	1.2	.1	4.6	0	.8	(s)	.2	.5
Lubricants	1.2	10.2	2.1	0	.8	0	1.3	.9	.2	2.6	1.0	4.7	(s)	1.8	.1	.6	1.3
Wax	.1	2.0	.3	0	(s)	0	.1	(s)	.6	.1	.1	.4	0	.2	.1	.1	.1
Petroleum Coke	2.7	1.1	2.5	1.1	3.5	8.3	3.6	3.9	1.9	2.4	2.7	.8	.4	2.4	2.6	4.7	3.2
Asphalt	4.3	.6	3.9	6.8	2.4	5.4	2.4	2.7	3.2	.6	1.7	16.5	3.5	1.8	4.8	1.8	2.3
Road Oil	0	0	0	0	.0	0	(s)	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	0	0	0	0	(s)	0	.5	.1	(s)	.5	.2	0	0	.3	(s)	(s)	.2
Still Gas for Other Uses	3.9	3.0	3.8	3.7	4.0	3.6	4.3	4.0	2.7	4.2	3.9	2.8	2.6	3.9	4.2	4.9	4.1
Miscellaneous Products	.4	.9	.5	.2	.2	.3	.2	.2	1.1	1.5	1.2	1.0	0	1.3	.2	.4	.7
Processing Gain(-) or Loss(+)[4]	-4.6	-.8	-4.2	-2.8	-4.3	-8.7	-3.1	-4.3	-.6	-6.3	-3.5	-.9	-.5	-4.5	-1.2	-5.6	-4.5

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] December 1981

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	47.2	35.6	46.0	54.7	54.9	50.1	51.0	53.4	44.9	39.8	43.0	28.7	37.6	41.0	50.6	42.9	45.2
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.5	.4	.4	.0	.0	.4	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.0	1.9	2.9	2.0	3.1	3.3	2.1	2.8	2.2	1.9	1.8	1.9	1.7	1.9	1.1	1.1	2.1
Naphtha-Type Jet Fuel	1.9	2.9	2.0	0	.6	1.1	1.5	.9	4.0	.9	.6	2.8	14.4	1.3	2.5	1.9	1.4
Kerosene-Type Jet Fuel	3.5	2.3	3.4	5.1	4.1	1.7	2.2	3.4	4.5	5.3	10.5	.4	1.2	6.9	3.1	9.3	6.0
Kerosene	.4	2.1	.6	0	1.1	-.2	.2	.7	.2	2.1	1.9	(s)	2.1	1.8	.9	.3	1.1
Distillate Fuel Oil	22.7	25.3	22.9	24.5	21.4	28.8	28.9	24.2	24.0	23.9	19.6	29.1	30.8	22.5	27.9	17.8	22.4
Residual Fuel Oil	14.3	10.7	13.9	4.3	5.4	9.2	3.1	5.0	6.1	10.1	10.7	11.4	6.5	10.0	3.8	18.2	10.4
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.7	0	.1	.4	2.8	4.1	.5	.6	0	2.5	0	.3	1.4
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.7	.2	0	2.4	0	.0	1.5	2.4	4.0	4.2	.9	0	3.8	0	.6	2.2
Special Naphthas	(s)	.5	.1	.0	.5	0	.5	.4	.8	.8	.1	4.4	0	.6	(s)	(s)	.4
Lubricants	1.0	10.8	2.0	0	.8	0	1.4	.9	.2	2.3	1.0	3.8	(s)	1.7	.2	.6	1.3
Wax	(s)	1.9	.2	0	(s)	0	.1	(s)	.7	.2	.1	.4	0	.2	.2	.1	.1
Petroleum Coke	3.0	.7	2.7	1.1	3.8	4.1	3.8	3.7	2.0	2.4	2.6	2.6	.4	2.4	2.7	5.5	3.3
Asphalt	2.7	.5	2.4	7.7	1.7	4.6	2.7	2.3	2.8	.6	1.2	11.7	2.9	1.4	4.9	1.5	1.9
Road Oil	0	0	0	0	.0	0	.0	.0	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	0	0	0	0	(s)	0	0	(s)	(s)	.5	.2	0	0	.3	.1	(s)	.2
Still Gas for Other Uses	4.0	3.3	3.9	4.0	4.0	3.7	4.7	4.2	2.6	4.1	4.0	3.0	2.0	3.9	3.8	5.4	4.2
Miscellaneous Products	.4	.8	.5	.2	.2	.2	.2	.2	1.1	1.7	1.1	.5	0	1.4	.1	.5	.8
Processing Gain(-) or Loss(+)[4]	-5.1	-.7	-4.6	-3.6	-4.7	-6.7	-2.5	-4.2	-1.6	-5.0	-3.4	-2.1	.4	-4.0	-2.3	-6.2	-4.4

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Total may not equal sum of components due to independent rounding.
See Explanatory Notes on negative product yields.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, January 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,768	1,768	763	36,860	3,055	24,922	65,600	11,511	44,930	25,996	3,346	2,044	87,827	11,195	26,224	192,614
Foreign	0	2,195	2,195	873	26,633	4,489	4,395	36,390	1,521	2,642	1,422	1,358	0	6,943	1,361	538	47,427
Tanker																	
Domestic	2,525	0	2,525	0	0	0	0	0	0	3,224	1,622	0	0	4,846	0	28,898	36,269
Foreign	32,334	0	32,334	0	0	0	0	0	0	33,271	25,773	0	0	59,044	0	11,410	102,788
Barge																	
Domestic	248	253	501	0	659	0	0	659	30	4,040	7,532	389	0	11,991	0	268	13,419
Foreign	3,737	0	3,737	0	461	0	0	461	0	512	0	277	0	789	0	0	4,987
Tank Cars																	
Domestic	83	356	439	0	0	0	0	0	0	0	0	56	0	56	2	0	497
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	265	265	0	479	40	909	1,428	1,694	529	704	1,037	619	4,583	1,037	2,377	9,690
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11
Total																	
Domestic	2,856	2,642	5,498	763	37,998	3,095	25,831	67,687	13,235	52,723	35,854	4,828	2,663	109,303	12,234	57,767	252,489
Foreign	36,071	2,195	38,266	873	27,094	4,489	4,395	36,851	1,521	36,425	27,195	1,635	0	66,776	1,372	11,948	155,213

Note: Total may not equal sum of components due to independent rounding.
Source. See Explanatory Notes on Data Collection and Estimation

Table 16. Refinery Receipts of Crude Oil by PAD District, February 1981 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,537	2,537	761	35,821	2,294	21,703	60,579	10,403	44,078	21,706	3,198	2,091	81,476	9,694	22,810	177,096
Foreign	0	1,010	1,010	784	18,349	4,285	3,772	27,190	833	949	0	359	46	2,187	1,035	608	32,030
Tanker																	
Domestic	3,345	0	3,345	0	0	0	0	0	0	3,826	2,378	0	0	6,204	0	25,681	35,230
Foreign	28,363	0	28,363	0	0	0	0	0	405	36,387	23,090	0	0	59,882	0	10,148	98,393
Barge																	
Domestic	133	173	306	0	556	0	0	556	29	3,738	6,363	208	0	10,338	0	204	11,404
Foreign	3,994	0	3,994	0	418	0	0	418	0	384	320	220	0	924	0	0	5,336
Tank Cars																	
Domestic	98	378	476	0	0	0	0	0	0	0	0	9	0	9	0	0	485
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	376	376	0	362	10	737	1,109	1,385	481	767	992	476	4,101	945	1,942	8,473
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total																	
Domestic	3,576	3,464	7,040	761	36,739	2,304	22,440	62,244	11,817	52,123	31,214	4,407	2,567	102,128	10,639	50,637	232,688
Foreign	32,357	1,010	33,367	784	18,767	4,285	3,772	27,608	1,238	37,720	23,410	579	46	62,993	1,036	10,756	135,760

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, March 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,689	2,689	810	38,118	2,752	21,718	63,398	10,822	48,303	24,979	3,281	1,959	89,344	10,088	26,662	192,181
Foreign	0	782	782	898	16,378	3,681	2,971	23,928	646	231	0	392	6	1,275	946	647	27,578
Tanker																	
Domestic	3,733	0	3,733	0	0	0	0	0	0	2,256	2,855	0	0	5,111	0	30,116	38,960
Foreign	33,269	0	33,269	0	0	0	0	0	0	36,305	24,479	0	0	60,784	0	7,826	101,879
Barge																	
Domestic	113	188	301	0	865	0	0	865	22	6,519	6,538	360	0	13,439	0	75	14,680
Foreign	3,871	0	3,871	0	755	0	0	755	0	177	0	160	0	337	0	0	4,963
Tank Cars																	
Domestic	101	313	414	0	0	0	0	0	0	0	0	2	0	2	0	120	536
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	314	314	0	368	27	872	1,267	1,460	546	732	990	541	4,269	832	1,728	8,410
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																	
Domestic	3,947	3,504	7,451	810	39,351	2,779	22,590	65,530	12,304	57,624	35,104	4,633	2,500	112,165	10,920	58,701	254,767
Foreign	37,140	782	37,922	898	17,133	3,681	2,971	24,683	646	36,713	24,479	552	6	62,396	946	8,473	134,420

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, April 1981 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,500	2,500	820	36,226	2,692	21,980	61,718	11,247	47,060	28,061	3,272	1,577	91,217	9,715	25,704	190,854
Foreign	0	746	746	689	12,780	3,321	2,122	18,912	695	0	0	628	0	1,323	747	575	22,303
Tanker																	
Domestic	2,802	0	2,802	0	0	0	0	0	0	2,445	3,106	0	0	5,551	0	27,631	35,984
Foreign	28,145	0	28,145	0	0	0	0	0	0	31,880	25,610	0	0	57,490	0	8,922	94,557
Barge																	
Domestic	141	150	291	0	916	0	0	916	22	4,590	5,827	257	0	10,696	0	231	12,134
Foreign	3,379	0	3,379	0	630	0	0	630	0	705	0	126	0	831	0	0	4,840
Tank Cars																	
Domestic	96	275	371	0	0	0	0	0	0	0	0	122	0	122	0	0	493
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	331	331	0	252	31	706	989	1,468	483	748	786	573	4,058	835	1,598	7,811
Foreign	0	0	0	0	0	0	0	0	97	0	0	0	0	97	1	0	98
Total																	
Domestic	3,039	3,256	6,295	820	37,394	2,723	22,686	63,623	12,737	54,578	37,742	4,437	2,150	111,644	10,550	55,164	247,276
Foreign	31,524	746	32,270	689	13,410	3,321	2,122	19,542	792	32,585	25,610	754	0	59,741	748	9,497	121,798

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, May 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,857	1,857	822	37,751	2,789	23,575	64,937	11,035	47,897	28,585	3,488	1,882	92,887	10,697	27,723	198,101
Foreign	0	1,181	1,181	849	13,982	3,175	2,297	20,303	1,004	193	48	301	0	1,546	577	607	24,214
Tanker																	
Domestic	3,309	0	3,309	0	0	0	0	0	0	2,762	3,606	0	0	6,368	0	28,536	38,213
Foreign	27,787	0	27,787	0	0	0	0	0	0	37,373	26,558	0	0	63,931	0	7,686	99,404
Barge																	
Domestic	28	242	270	0	1,180	289	0	1,469	29	3,326	5,864	114	0	9,333	0	122	11,194
Foreign	828	0	828	0	166	540	0	706	0	0	143	242	0	385	0	0	1,919
Tank Cars																	
Domestic	91	226	317	0	0	0	0	0	0	0	0	2	0	2	13	0	332
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	17	271	288	0	283	49	683	1,015	1,349	381	836	972	534	4,072	821	1,605	7,801
Foreign	0	0	0	0	0	0	0	0	94	0	0	0	0	94	0	0	94
Total																	
Domestic	3,445	2,596	6,041	822	39,214	3,127	24,258	67,421	12,413	54,366	38,891	4,576	2,416	112,662	11,531	57,986	255,641
Foreign	28,615	1,181	29,796	849	14,148	3,715	2,297	21,009	1,098	37,566	26,749	543	0	65,956	577	8,293	125,631

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, June 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,770	1,770	851	35,348	2,636	22,721	61,556	11,428	50,082	28,491	3,245	1,678	94,924	11,347	25,669	195,266
Foreign	0	987	987	587	12,869	2,525	1,958	17,939	1,023	512	249	355	150	2,289	1,035	480	22,730
Tanker																	
Domestic	2,899	0	2,899	0	0	0	0	0	0	2,276	3,351	0	0	5,627	0	33,852	42,378
Foreign	25,823	0	25,823	0	0	0	0	0	0	28,192	18,407	0	0	46,599	0	10,596	83,018
Barge																	
Domestic	28	168	196	0	1,260	493	0	1,753	47	3,083	5,908	0	0	9,038	0	321	11,308
Foreign	3,388	0	3,388	0	274	547	0	821	0	421	0	95	0	516	0	0	4,725
Tank Cars																	
Domestic	84	250	334	0	0	0	0	0	0	3	0	2	0	5	0	0	339
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	305	305	0	255	76	740	1,071	1,202	300	691	999	647	3,839	855	1,615	7,685
Foreign	0	0	0	0	0	0	0	0	85	0	0	0	0	85	0	0	85
Total																	
Domestic	3,011	2,493	5,504	851	36,863	3,205	23,461	64,380	12,677	55,744	38,441	4,246	2,325	113,433	12,202	61,457	256,976
Foreign	29,211	987	30,198	587	13,143	3,072	1,958	18,760	1,108	29,125	18,656	450	150	49,489	1,035	11,076	110,558

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, July 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,372	2,372	745	36,886	3,541	23,001	64,173	12,613	51,562	28,881	3,192	2,052	98,300	11,894	25,992	202,731
Foreign	0	389	389	909	16,763	2,456	1,934	22,062	1,307	2,054	312	536	0	4,209	1,156	682	28,498
Tanker																	
Domestic	2,378	0	2,378	0	0	0	0	0	0	1,205	456	0	0	1,661	0	29,415	33,454
Foreign	30,817	0	30,817	0	0	0	0	0	0	28,925	25,701	0	0	54,626	0	8,786	94,229
Barge																	
Domestic	3	229	232	0	798	283	0	1,081	0	2,904	5,107	0	0	8,011	0	61	9,385
Foreign	4,406	0	4,406	0	615	843	0	1,458	0	496	81	90	0	667	0	0	6,531
Tank Cars																	
Domestic	79	205	284	0	0	0	0	0	0	6	0	3	0	9	0	0	293
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	16	319	335	0	311	62	803	1,176	1,268	287	633	958	584	3,730	955	1,487	7,683
Foreign	0	0	0	0	0	0	0	0	106	0	0	0	0	106	0	0	106
Total																	
Domestic	2,476	3,125	5,601	745	37,995	3,886	23,804	66,430	13,881	55,964	35,077	4,153	2,636	111,711	12,849	56,955	253,546
Foreign	35,223	389	35,612	909	17,378	3,299	1,934	23,520	1,413	31,475	26,094	626	0	59,608	1,156	9,468	129,364

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, August 1981 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,697	2,697	1,018	38,230	3,600	26,024	68,872	12,754	49,952	27,984	3,494	1,929	96,113	11,732	24,284	203,698
Foreign	0	395	395	736	15,378	2,742	2,429	21,285	1,259	1,955	432	347	0	3,993	1,136	566	27,375
Tanker																	
Domestic	3,428	0	3,428	0	0	0	0	0	0	1,954	2,362	0	0	4,316	0	31,924	39,668
Foreign	29,899	0	29,899	0	0	0	0	0	0	28,200	24,796	0	0	52,996	0	8,391	91,286
Barge																	
Domestic	0	234	234	0	695	261	0	956	0	3,433	5,333	32	0	8,798	0	66	10,054
Foreign	4,056	0	4,056	0	646	540	0	1,186	0	1,027	0	104	0	1,131	0	0	6,373
Tank Cars																	
Domestic	70	298	368	0	0	0	0	0	0	0	0	2	0	2	0	0	370
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	340	340	0	293	45	741	1,079	1,239	299	679	902	621	3,740	876	1,873	7,908
Foreign	0	0	0	0	0	0	0	0	102	0	0	0	0	102	0	0	102
Total																	
Domestic	3,498	3,569	7,067	1,018	39,218	3,906	26,765	70,907	13,993	55,638	36,358	4,430	2,550	112,969	12,608	58,147	261,698
Foreign	33,955	395	34,350	736	16,024	3,282	2,429	22,471	1,361	31,182	25,228	451	0	58,222	1,136	8,957	125,136

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,594	2,594	1,078	36,805	3,431	23,341	64,655	12,116	43,807	27,765	3,339	1,639	88,666	11,611	25,818	193,344
Foreign	0	571	571	588	15,639	3,129	3,928	23,284	1,429	3,028	354	247	0	5,058	1,045	538	30,496
Tanker																	
Domestic	2,473	0	2,473	0	0	0	0	0	0	2,313	3,310	0	0	5,623	0	30,417	38,513
Foreign	26,902	0	26,902	0	0	0	0	0	0	28,659	28,627	0	0	57,286	0	7,770	91,958
Barge																	
Domestic	0	200	200	0	1,044	134	0	1,178	0	3,602	4,365	107	0	8,074	0	69	9,521
Foreign	4,559	0	4,559	0	516	428	0	944	0	604	315	22	0	941	0	0	6,444
Tank Cars																	
Domestic	64	289	353	0	0	0	0	0	0	0	0	2	0	2	0	0	355
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	352	352	0	257	8	798	1,063	1,268	355	627	882	545	3,677	828	1,687	7,607
Foreign	0	0	0	0	0	0	0	0	119	0	0	0	0	119	1	0	120
Total																	
Domestic	2,537	3,435	5,972	1,078	38,106	3,573	24,139	66,896	13,384	50,077	36,067	4,330	2,184	106,042	12,439	57,991	249,340
Foreign	31,461	571	32,032	588	16,155	3,557	3,928	24,228	1,548	32,291	29,296	269	0	63,404	1,046	8,308	129,018

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, October 1981 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,611	2,611	1,610	38,359	3,109	23,713	66,791	12,961	44,446	30,001	2,696	1,750	91,854	10,617	27,061	198,934
Foreign	0	535	535	0	12,927	3,569	2,716	19,212	985	497	1,602	405	0	3,489	760	575	24,571
Tanker																	
Domestic	2,756	0	2,756	0	0	0	0	0	0	4,609	3,621	0	0	8,230	0	28,449	39,435
Foreign	31,300	0	31,300	0	0	0	0	0	0	23,744	26,553	0	0	50,297	0	8,441	90,038
Barge																	
Domestic	0	179	179	0	1,094	0	0	1,094	0	2,893	4,717	35	0	7,645	0	49	8,967
Foreign	4,949	0	4,949	0	436	291	0	727	0	316	337	116	0	769	0	0	6,445
Tank Cars																	
Domestic	74	212	286	0	0	0	0	0	0	0	0	2	0	2	0	0	288
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	304	304	0	278	9	815	1,102	1,329	596	587	903	663	4,078	864	2,151	8,499
Foreign	0	0	0	0	0	0	0	0	173	0	0	0	0	173	0	0	173
Total																	
Domestic	2,830	3,306	6,136	1,610	39,731	3,118	24,528	68,987	14,290	52,544	38,926	3,636	2,413	111,809	11,481	57,710	256,123
Foreign	36,249	535	36,784	0	13,363	3,860	2,716	19,939	1,158	24,557	28,492	521	0	54,728	760	9,016	121,227

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, November 1981
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,636	2,636	519	35,395	3,591	23,127	62,632	12,283	46,171	28,881	3,009	1,692	92,036	11,534	26,309	195,147
Foreign	0	586	586	1,074	16,256	3,551	1,966	22,847	590	1,178	519	559	0	2,846	1,072	563	27,914
Tanker																	
Domestic	3,026	0	3,026	0	0	0	0	0	0	3,145	2,593	0	0	5,738	0	32,646	41,410
Foreign	30,460	0	30,460	0	0	0	0	0	0	24,220	22,624	0	0	46,844	0	6,691	83,995
Barge																	
Domestic	0	238	238	0	761	138	0	899	0	2,675	4,794	125	0	7,594	0	72	8,803
Foreign	3,795	0	3,795	0	396	133	0	529	0	0	381	174	0	555	0	0	4,879
Tank Cars																	
Domestic	59	274	333	0	0	0	0	0	0	0	0	15	0	15	0	0	348
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	361	361	0	298	8	915	1,221	1,165	315	528	845	592	3,445	880	1,863	7,770
Foreign	0	0	0	0	0	0	0	0	156	0	0	0	0	156	0	0	156
Total																	
Domestic	3,085	3,509	6,594	519	36,454	3,737	24,042	64,752	13,448	52,306	36,796	3,994	2,284	108,828	12,414	60,890	253,478
Foreign	34,255	586	34,841	1,074	16,652	3,684	1,966	23,376	746	25,398	23,524	733	0	50,401	1,072	7,254	116,944

Note Total may not equal sum of components due to independent rounding

Source See Explanatory Notes on Data Collection and Estimation.

Table 16. Refinery Receipts of Crude Oil by PAD District, December 1981 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,535	2,535	571	37,788	3,551	23,134	65,044	12,630	44,371	29,789	3,508	1,859	92,157	11,709	31,487	202,932
Foreign	0	697	697	1,275	15,580	3,685	3,179	23,719	653	2,963	478	381	0	4,475	1,145	676	30,712
Tanker																	
Domestic	2,253	0	2,253	0	0	0	0	0	0	2,963	4,828	0	0	7,791	0	27,367	37,411
Foreign	30,719	0	30,719	0	0	0	0	0	0	28,712	24,622	0	0	53,334	0	5,919	89,972
Barge																	
Domestic	0	185	185	0	816	0	0	816	0	3,894	4,594	133	0	8,621	0	13	9,635
Foreign	4,160	0	4,160	0	641	0	0	641	0	0	388	112	0	500	0	0	5,301
Tank Cars																	
Domestic	65	321	386	0	0	0	0	0	0	0	0	2	0	2	0	0	388
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	309	309	0	299	12	919	1,230	1,214	276	638	890	626	3,644	947	1,338	7,468
Foreign	0	0	0	0	0	0	0	0	166	0	0	0	0	166	1	0	167
Total																	
Domestic	2,318	3,350	5,668	571	38,903	3,563	24,053	67,090	13,844	51,504	39,849	4,533	2,485	112,215	12,656	60,205	257,834
Foreign	34,879	697	35,576	1,275	16,221	3,685	3,179	24,360	819	31,675	25,488	493	0	58,475	1,146	6,595	126,152

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	2	0	5	0	5	12	0	23	36
Liquefied Petroleum Gases[1]	15	38	52	3	66	33	18	120	3	41	84	0	5	133	8	194	508
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	89	34	124	0	11	8	0	19	3	1	58	15	(s)	77	2	9	230
Residual Fuel Oil	814	130	944	22	914	86	62	1,083	33	410	181	23	3	651	92	233	3,003
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13
Catalyst Petroleum Coke	480	53	533	20	680	51	377	1,128	224	922	784	0	14	1,944	158	771	4,534
Still Gas	1,388	135	1,523	0	2,273	957	1,158	4,388	373	3,103	2,347	182	62	6,068	500	2,594	15,073
Other Fuels [2]	0	0	0	0	112	0	0	112	6	31	97	74	0	208	0	87	407
Natural Gas (million cubic feet)	1,876	185	2,060	44	4,625	110	5,334	10,113	2,851	21,207	8,852	881	335	34,126	1,434	11,445	59,178
Coal (thousand short tons)	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Purchased Electricity (million kWh)	212	48	261	15	344	20	153	531	129	356	428	51	6	970	71	523	2,355
Purchased Steam (million pounds)	812	31	843	0	81	0	0	81	18	2	969	0	0	989	0	116	2,030

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, February 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	2	0	5	0	3	9	0	9	18
Liquefied Petroleum Gases[1]	13	23	36	2	146	14	33	196	5	10	93	0	10	118	7	243	599
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	68	32	99	0	14	9	0	23	14	15	34	13	(s)	75	1	7	205
Residual Fuel Oil	864	108	972	19	802	79	64	964	12	343	178	19	1	554	166	246	2,901
Marketable Petroleum Coke	0	0	0	0	23	0	0	23	0	0	0	0	0	0	11	101	136
Catalyst Petroleum Coke	468	43	511	18	692	42	325	1,076	201	1,181	442	24	13	1,861	136	695	4,280
Still Gas	1,437	137	1,574	0	2,318	804	1,075	4,196	294	3,414	1,800	160	23	5,691	504	2,392	14,358
Other Fuels [2]	0	0	0	0	23	0	0	23	0	101	164	1	0	267	0	16	306
Natural Gas (million cubic feet)	1,769	234	2,003	32	3,988	63	4,919	9,003	2,754	16,403	7,075	758	300	27,289	1,287	10,882	50,464
Coal (thousand short tons)	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Purchased Electricity (million kWh)	196	54	251	13	302	249	149	714	77	346	320	22	6	771	65	508	2,308
Purchased Steam (million pounds)	635	10	646	0	101	0	0	101	14	3	841	0	0	859	0	272	1,878

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, March 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	7	0	0	7	3	5	7	0	3	19	0	34	60
Liquefied Petroleum Gases[1]	23	1	24	2	187	12	31	232	2	7	93	0	7	110	3	278	647
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	71	5	76	0	19	7	19	45	7	10	30	7	(s)	54	2	14	190
Residual Fuel Oil	1,016	108	1,124	21	509	74	40	644	9	386	170	19	0	584	154	306	2,812
Marketable Petroleum Coke	(s)	0	(s)	0	0	0	0	0	0	0	0	0	0	0	14	14	29
Catalyst Petroleum Coke	598	43	641	18	904	36	317	1,275	216	976	613	25	13	1,844	132	829	4,720
Still Gas	1,461	142	1,603	73	2,615	231	1,075	3,995	355	3,447	2,029	172	51	6,054	442	2,839	14,932
Other Fuels [2]	0	0	0	0	30	0	0	30	2	0	160	0	0	162	11	8	211
Natural Gas (million cubic feet)	1,656	253	1,909	44	4,994	223	4,502	9,765	2,067	20,895	6,907	820	336	31,025	1,774	9,135	53,608
Coal (thousand short tons)	0	238	238	0	0	0	0	0	0	0	0	0	0	0	0	0	238
Purchased Electricity (million kWh)	188	39	227	0	331	281	143	755	540	1,194	344	18	6	2,103	67	534	3,686
Purchased Steam (million pounds)	688	13	701	0	81	0	(s)	82	14	3	1,132	0	0	1,149	0	251	2,183

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, April 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	(s)	2	5	0	0	7	0	21	28
Liquefied Petroleum Gases[1]	40	25	66	4	122	14	18	158	1	42	146	0	3	192	4	214	634
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	52	24	76	0	7	4	0	10	9	5	7	4	(s)	24	3	18	130
Residual Fuel Oil	541	84	626	18	461	55	23	556	7	361	63	16	1	449	81	257	1,969
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	67	0	0	0	67	12	21	100
Catalyst Petroleum Coke	401	45	446	15	667	65	342	1,089	172	1,003	682	21	14	1,893	112	696	4,235
Still Gas	1,196	142	1,338	64	2,269	266	999	3,598	342	3,126	2,444	152	49	6,113	377	2,374	13,800
Other Fuels [2]	0	0	0	0	31	0	0	31	0	30	118	0	0	148	6	125	310
Natural Gas (million cubic feet)	2,121	233	2,354	55	3,710	201	4,248	8,214	2,702	23,283	11,151	709	316	38,161	1,379	8,421	58,529
Coal (thousand short tons)	0	12	12	0	0	0	(s)	(s)	0	0	0	0	0	0	0	0	12
Purchased Electricity (million kWh)	171	37	209	15	300	18	152	485	246	477	385	19	7	1,133	56	541	2,424
Purchased Steam (million pounds)	641	8	649	0	55	0	0	55	18	1	763	0	0	782	0	103	1,590

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, May 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	7	0	3	10	0	10	20
Liquefied Petroleum Gases[1]	38	22	60	0	57	11	20	87	5	56	54	0	3	118	17	338	621
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	56	25	81	0	7	3	0	10	10	61	102	3	(s)	175	(s)	12	280
Residual Fuel Oil	549	77	625	16	302	26	41	386	7	375	28	28	(s)	438	136	270	1,855
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	97	0	0	0	97	7	81	186
Catalyst Petroleum Coke	378	45	422	19	683	69	306	1,076	164	998	660	26	9	1,858	131	627	4,115
Still Gas	1,052	115	1,167	66	2,519	233	1,054	3,872	337	3,112	2,604	157	76	6,286	492	3,068	14,884
Other Fuels [2]	9	0	9	1	44	0	1	45	6	123	39	0	0	169	10	122	355
Natural Gas (million cubic feet)	2,361	221	2,582	39	3,699	132	5,272	9,141	2,629	21,640	6,324	703	271	31,567	1,434	8,305	53,030
Coal (thousand short tons)	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Purchased Electricity (million kWh)	185	37	222	12	319	261	153	746	205	409	389	18	6	1,027	90	599	2,684
Purchased Steam (million pounds)	608	8	615	0	72	0	0	72	5	2	774	0	0	781	0	154	1,622

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, June 1981
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	7	0	3	10	0	22	32
Liquefied Petroleum Gases[1]	41	25	65	0	74	9	23	106	5	59	39	(s)	4	107	13	359	651
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	67	7	74	0	1	1	0	1	6	10	11	(s)	(s)	26	(s)	7	109
Residual Fuel Oil	541	75	616	17	262	59	33	371	3	334	53	20	0	411	146	213	1,757
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	97	108
Catalyst Petroleum Coke	414	28	442	12	748	53	367	1,180	229	958	666	22	9	1,884	135	756	4,398
Still Gas	1,118	84	1,203	55	2,360	220	1,109	3,744	405	3,421	2,551	147	58	6,581	551	3,324	15,403
Other Fuels [2]	8	0	8	0	64	0	0	64	4	141	52	0	0	197	6	122	397
Natural Gas (million cubic feet)	2,147	258	2,405	37	3,755	129	4,769	8,691	2,503	17,680	6,436	719	261	27,599	1,239	7,758	47,692
Coal (thousand short tons)	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Purchased Electricity (million kWh)	208	35	243	13	345	258	169	786	163	580	380	18	6	1,147	74	617	2,866
Purchased Steam (million pounds)	613	9	622	0	71	0	0	71	15	1	687	0	0	703	0	700	2,096

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	7	0	3	10	0	18	28
Liquefied Petroleum Gases[1]	30	29	59	1	81	4	20	106	2	4	35	(s)	4	45	11	280	501
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	36	20	55	0	1	0	148	149	0	8	9	0	(s)	17	(s)	5	226
Residual Fuel Oil	503	63	566	18	251	49	17	334	5	325	75	18	0	424	115	326	1,764
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	103	115
Catalyst Petroleum Coke	424	30	454	20	831	67	333	1,250	257	977	728	20	10	1,991	129	784	4,608
Still Gas	1,330	115	1,444	71	2,541	243	1,088	3,943	425	3,829	2,510	166	68	6,997	567	3,230	16,181
Other Fuels [2]	9	0	9	0	11	0	0	11	4	110	49	0	0	163	5	117	304
Natural Gas (million cubic feet)	1,957	244	2,201	24	3,765	194	4,584	8,567	2,664	19,255	6,056	723	209	28,906	1,329	8,423	49,426
Coal (thousand short tons)	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Purchased Electricity (million kWh)	211	37	248	14	342	270	189	814	145	426	385	20	6	982	75	542	2,661
Purchased Steam (million pounds)	647	7	654	0	71	0	0	71	6	(s)	739	0	0	745	0	730	2,199

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, August 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	8	0	3	11	0	27	38
Liquefied Petroleum Gases[1]	25	36	61	0	56	(s)	15	71	1	3	28	(s)	4	36	7	293	468
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	37	23	60	0	3	0	0	3	5	4	24	1	(s)	33	(s)	2	98
Residual Fuel Oil	504	75	579	17	287	49	27	380	9	362	73	18	0	461	99	306	1,826
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	119	131
Catalyst Petroleum Coke	313	30	343	22	864	71	408	1,365	218	1,237	754	24	9	2,240	146	753	4,847
Still Gas	1,208	118	1,326	76	2,380	260	1,146	3,862	392	3,652	2,673	121	55	6,893	561	3,199	15,842
Other Fuels 2	0	0	0	0	0	0	0	0	5	0	39	0	0	44	23	96	163
Natural Gas (million cubic feet)	1,845	275	2,120	30	3,430	169	4,128	7,756	2,759	21,111	7,367	755	176	32,166	1,553	8,866	52,461
Coal (thousand short tons)	180	145	325	0	0	0	0	0	0	0	0	0	0	0	0	0	325
Purchased Electricity (million kWh)	206	38	244	14	341	276	167	798	121	487	393	19	7	1,027	76	548	2,694
Purchased Steam (million pounds)	570	6	575	0	51	0	0	51	4	1	591	0	0	596	0	861	2,084

[1] Includes liquefied refinery gases.

2 Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
Liquefied Petroleum Gases[1]	24	39	63	2	47	5	33	87	1	56	26	(s)	3	86	1	254	490
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	59	23	82	0	3	0	0	3	9	0	23	1	(s)	33	(s)	2	120
Residual Fuel Oil	657	71	728	15	318	45	21	398	9	378	34	19	0	441	96	306	1,969
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	104	116
Catalyst Petroleum Coke	587	45	632	21	778	52	374	1,225	236	1,536	744	21	9	2,547	125	736	5,265
Still Gas	1,482	142	1,623	58	2,214	194	1,172	3,638	397	3,414	2,426	108	55	6,400	391	3,327	15,379
Other Fuels [2]	0	0	0	0	0	0	0	0	6	0	(s)	0	0	6	16	101	123
Natural Gas (million cubic feet)	1,783	274	2,057	22	2,400	169	4,062	6,652	2,456	23,057	8,374	705	238	34,831	1,463	8,447	53,449
Coal (thousand short tons)	0	111	111	0	0	0	0	0	0	0	0	0	0	0	0	0	111
Purchased Electricity (million kWh)	202	39	240	13	327	247	179	766	130	417	387	19	6	958	73	537	2,574
Purchased Steam (million pounds)	573	7	580	0	62	0	0	62	5	1	684	0	0	690	0	683	2,015

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, October 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala- chian #1	Total	Appala- chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
Liquefied Petroleum Gases[1]	18	44	62	5	31	8	35	80	1	26	58	(s)	3	89	4	269	504
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	62	31	93	0	7	0	0	7	13	0	8	1	(s)	22	(s)	1	123
Residual Fuel Oil	755	73	828	16	365	64	18	463	7	344	45	13	0	409	106	298	2,105
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	(s)	0	0	0	(s)	12	104	116
Catalyst Petroleum Coke	437	48	485	22	750	58	344	1,174	238	1,077	759	6	9	2,089	151	800	4,698
Still Gas	1,475	133	1,608	67	1,981	241	948	3,236	368	3,035	2,047	108	63	5,622	454	3,142	14,063
Other Fuels [2]	0	0	0	0	0	0	0	0	6	17	38	0	0	61	16	101	178
Natural Gas (million cubic feet)	1,998	273	2,271	23	3,344	263	4,514	8,143	2,706	24,598	8,822	823	259	37,209	1,494	8,515	57,633
Coal (thousand short tons)	48	12	60	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Purchased Electricity (million kWh)	195	38	234	14	312	385	157	868	116	421	386	18	6	946	70	588	2,706
Purchased Steam (million pounds)	562	7	569	0	32	0	0	32	5	(s)	664	0	0	669	0	798	2,068

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, November
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	43	0	0	43	0	0	0	0	0	0	0	20	63
Liquefied Petroleum Gases[1]	28	27	55	1	37	8	22	68	5	47	106	0	4	162	2	189	476
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	79	33	112	0	8	0	0	8	9	0	14	2	(s)	25	(s)	2	148
Residual Fuel Oil	853	62	915	18	292	52	36	397	12	377	69	13	0	470	109	258	2,149
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	117	0	0	0	117	12	104	234
Catalyst Petroleum Coke	502	47	549	19	687	47	324	1,077	222	1,011	747	13	9	2,001	142	797	4,567
Still Gas	1,295	124	1,419	62	1,945	217	904	3,128	330	3,009	2,196	92	61	5,688	536	3,086	13,857
Other Fuels [2]	0	0	0	0	0	0	0	0	24	0	(s)	0	0	24	12	51	87
Natural Gas (million cubic feet)	2,122	353	2,474	53	3,491	186	4,487	8,217	2,858	23,123	7,475	836	276	34,568	1,466	8,681	55,405
Coal (thousand short tons)	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Purchased Electricity (million kWh)	201	37	237	12	306	286	159	764	130	621	465	17	6	1,239	74	507	2,821
Purchased Steam (million pounds)	657	8	665	0	56	0	0	56	5	1	776	0	0	782	0	801	2,304

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 17. Fuels Consumed at Refineries by PAD District, December 1981 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23
Liquefied Petroleum Gases[1]	13	26	39	1	108	11	40	159	4	11	148	(s)	4	167	9	144	518
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	69	1	70	0	0	0	0	0	19	0	4	1	(s)	24	0	6	101
Residual Fuel Oil	917	72	989	18	518	69	44	649	0	375	82	22	0	478	149	280	2,545
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	101	116
Catalyst Petroleum Coke	540	44	584	20	941	75	395	1,432	241	1,126	734	26	10	2,137	124	801	5,078
Still Gas	1,401	139	1,541	71	2,272	274	1,160	3,776	319	3,025	2,629	131	49	6,151	482	3,248	15,198
Other Fuels [2]	0	0	0	0	104	0	0	104	1	8	0	0	0	9	17	82	212
Natural Gas (million cubic feet)	1,975	317	2,292	55	4,641	184	4,865	9,745	3,079	25,062	8,458	900	277	37,775	1,390	8,796	59,998
Coal (thousand short tons)	0	218	218	0	0	0	22	22	0	0	7	0	0	7	0	0	247
Purchased Electricity (million kWh)	200	37	237	13	323	46	140	522	112	379	517	21	6	1,036	707	764	3,266
Purchased Steam (million pounds)	707	10	717	0	59	0	24	83	5	(s)	869	0	0	874	0	832	2,505

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Total may not equal sum of components due to independent rounding.

Source: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, January 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**36,649**	**27,875**	**75,234**	**1,833**	**11,315**	**152,907**
Natural Gas Liquids	**1,396**	**6,192**	**993**	**878**	**414**	**9,874**
Natural Gasoline and Isopentane	1	0	0	0	0	1
Plant Condensate	0	0	0	337	36	373
Liquefied Petroleum Gases and Ethane	1,395	6,192	993	541	378	9,500
Ethane	1	2,361	0	(s)	0	2,363
Propane	1,273	1,612	(s)	300	101	3,287
Butane	121	2,219	572	241	276	3,429
Butane-Propane Mixtures	0	0	421	0	0	421
Ethane-Propane Mixtures	0	0	0	0	0	0
Other Liquids [1]	**1,643**	**252**	**442**	**0**	**299**	**2,636**
Unfinished Oils [1]	1,643	2	244	0	113	2,003
Motor Gasoline Blending Components	0	250	198	0	185	633
Finished Petroleum Products	**43,505**	**867**	**889**	**1**	**974**	**46,235**
Finished Motor Gasoline	3,888	1	95	0	279	4,263
Finished Leaded Motor Gasoline	2,471	0	0	0	16	2,487
Finished Unleaded Motor Gasoline	1,417	1	95	0	263	1,776
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	122	0	237	0	95	454
Bonded Aircraft Fuel	10	0	0	0	85	95
Other	112	0	237	0	10	359
Kerosene	437	0	0	0	0	437
Distillate Fuel Oil	8,358	0	(s)	0	116	8,475
Bonded ships bunkers	0	0	0	0	38	38
For military offshore use	0	0	0	0	26	26
No. 2 fuel oil	8,358	0	(s)	0	53	8,411
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	29,900	788	367	0	421	31,476
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	29,900	788	367	0	421	31,476
Naphtha < 400 Deg. for Petro. Feed. Use	217	0	112	0	7	337
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	290	62	43	0	16	410
Lubricants	251	1	28	(s)	37	317
Wax	0	2	6	1	2	11
Asphalt	42	0	0	0	0	42
Miscellaneous Products	(s)	12	0	0	(s)	13
Total Imports	**83,194**	**35,186**	**77,558**	**2,712**	**13,001**	**211,651**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve

(s) Less than 500 barrels.

Note Total may not equal sum of components due to independent rounding

Sources See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, February 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	32,234	25,039	67,827	923	10,427	136,450
Natural Gas Liquids	1,741	5,744	688	718	561	9,452
Natural Gasoline and Isopentane	0	0	0	0	0	0
Plant Condensate	0	0	0	266	22	289
Liquefied Petroleum Gases and Ethane	1,741	5,744	688	451	539	9,164
Ethane	0	1,784	0	0	0	1,784
Propane	1,607	1,479	(s)	156	45	3,286
Butane	134	787	196	296	495	1,907
Butane-Propane Mixtures	0	0	492	0	0	492
Ethane-Propane Mixtures	0	1,694	0	0	0	1,694
Other Liquids [1]	1,694	244	1,212	0	57	3,207
Unfinished Oils [1]	1,683	0	1,212	0	50	2,945
Motor Gasoline Blending Components	11	244	0	0	7	262
Finished Petroleum Products	38,319	593	736	1	865	40,513
Finished Motor Gasoline	2,790	1	0	0	325	3,116
Finished Leaded Motor Gasoline	1,658	0	0	0	93	1,751
Finished Unleaded Motor Gasoline	1,132	1	0	0	232	1,365
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	174	0	0	0	0	174
Kerosene-Type Jet Fuel	691	0	159	0	29	879
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	691	0	159	0	29	879
Kerosene	48	0	0	0	0	48
Distillate Fuel Oil	8,531	0	434	0	125	9,090
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	8,444	0	434	0	125	9,004
No. 4 fuel oil	87	0	0	0	0	87
Residual Fuel Oil	25,843	520	0	0	349	26,712
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	25,843	520	0	0	349	26,712
Naphtha < 400 Deg. for Petro. Feed. Use	45	0	63	0	0	108
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	48	56	75	0	10	189
Lubricants	1	1	0	1	0	3
Wax	0	3	5	0	26	34
Asphalt	0	0	0	0	0	0
Miscellaneous Products	148	12	(s)	0	(s)	160
Total Imports	73,988	31,620	70,463	1,641	11,911	189,623

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, March 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**39,138**	**22,204**	**71,337**	**764**	**6,716**	**140,160**
Natural Gas Liquids	**662**	**5,965**	**538**	**622**	**503**	**8,290**
Natural Gasoline and Isopentane	0	0	0	0	0	0
Plant Condensate	0	0	0	202	29	232
Liquefied Petroleum Gases and Ethane	662	5,965	538	420	473	8,058
Ethane	0	1,885	0	0	0	1,885
Propane	405	884	0	216	78	1,584
Butane	257	675	0	203	395	1,531
Butane-Propane Mixtures	0	0	538	0	0	538
Ethane-Propane Mixtures	0	2,520	0	0	0	2,520
Other Liquids [1]	**2,629**	**170**	**710**	**0**	**20**	**3,529**
Unfinished Oils [1]	1,905	0	710	0	0	2,615
Motor Gasoline Blending Components	724	170	0	0	20	914
Finished Petroleum Products	**31,812**	**860**	**1,179**	**12**	**1,032**	**34,895**
Finished Motor Gasoline	3,994	1	595	12	688	5,289
Finished Leaded Motor Gasoline	2,581	0	64	0	582	3,227
Finished Unleaded Motor Gasoline	1,413	1	531	12	106	2,063
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	712	0	0	0	0	712
Kerosene-Type Jet Fuel	1,499	0	0	0	134	1,633
Bonded Aircraft Fuel	20	0	0	0	129	149
Other	1,479	0	0	0	5	1,484
Kerosene	232	0	0	0	0	232
Distillate Fuel Oil	4,296	(s)	229	0	42	4,567
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	(s)	0	0	0	(s)
No. 2 fuel oil	4,079	0	229	0	42	4,350
No. 4 fuel oil	217	0	0	0	0	217
Residual Fuel Oil	20,768	775	(s)	0	132	21,674
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	(s)	0	0	0	(s)
Other	20,768	775	(s)	0	132	21,674
Naphtha < 400 Deg. for Petro. Feed. Use	58	0	168	0	22	248
Other Oils > 400 Deg. for Petro Feed Use	0	0	0	0	0	0
Special Naphthas	60	66	87	(s)	14	227
Lubricants	102	1	94	1	(s)	198
Wax	0	4	6	0	0	10
Asphalt	87	0	0	0	0	87
Miscellaneous Products	5	14	(s)	0	1	19
Total Imports	74,241	29,199	73,765	1,399	8,271	186,874

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, April 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**32,452**	**15,652**	**72,453**	**699**	**8,890**	**130,147**
Natural Gas Liquids	**164**	**4,928**	**600**	**533**	**441**	**6,666**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	0	0	0	249	7	256
Liquefied Petroleum Gases and Ethane	164	4,928	600	284	433	6,409
Ethane	0	2,043	0	0	0	2,043
Propane	124	771	0	193	62	1,150
Butane	40	690	0	92	371	1,192
Butane-Propane Mixtures	0	0	600	0	0	600
Ethane-Propane Mixtures	0	1,424	0	0	0	1,424
Other Liquids 1	**1,733**	**161**	**1,792**	**0**	**0**	**3,687**
Unfinished Oils 1	1,234	1	1,781	0	0	3,017
Motor Gasoline Blending Components	500	160	11	0	0	670
Finished Petroleum Products	**25,756**	**862**	**1,475**	**8**	**1,439**	**29,539**
Finished Motor Gasoline	4,649	1	330	8	602	5,589
Finished Leaded Motor Gasoline	3,242	0	0	0	408	3,649
Finished Unleaded Motor Gasoline	1,407	1	330	8	194	1,940
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	119	0	183	0	0	302
Kerosene-Type Jet Fuel	1,256	0	50	0	43	1,349
Bonded Aircraft Fuel	10	0	0	0	39	49
Other	1,246	0	50	0	4	1,300
Kerosene	50	0	0	0	0	50
Distillate Fuel Oil	3,354	(s)	98	0	31	3,483
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,067	(s)	98	0	31	3,196
No. 4 fuel oil	287	0	0	0	0	287
Residual Fuel Oil	15,975	789	0	0	750	17,513
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	(s)	0	0	0	(s)
Other	15,975	789	0	0	750	17,513
Naphtha < 400 Deg. for Petro. Feed. Use	61	(s)	254	0	0	316
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	47	56	116	0	13	232
Lubricants	91	1	443	(s)	(s)	535
Wax	(s)	1	1	0	0	3
Asphalt	1	0	0	0	0	1
Miscellaneous Products	152	13	0	0	0	165
Total Imports	**60,105**	**21,603**	**76,320**	**1,240**	**10,770**	**170,038**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, May 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**28,075**	**15,121**	**81,066**	**307**	**8,316**	**132,885**
Natural Gas Liquids	**571**	**3,780**	**742**	**474**	**550**	**6,117**
Natural Gasoline and Isopentane	0	0	0	0	0	0
Plant Condensate	0	0	0	227	17	244
Liquefied Petroleum Gases and Ethane	571	3,780	742	247	533	5,872
Ethane	1	901	0	0	0	902
Propane	416	790	(s)	123	119	1,449
Butane	154	405	0	124	413	1,096
Butane-Propane Mixtures	0	0	742	0	0	742
Ethane-Propane Mixtures	0	1,684	0	0	0	1,684
Other Liquids 1	**731**	**152**	**1,994**	**0**	**997**	**3,875**
Unfinished Oils 1	303	0	1,738	0	993	3,033
Motor Gasoline Blending Components	428	152	256	0	4	841
Finished Petroleum Products	**29,829**	**1,170**	**2,151**	**17**	**2,989**	**36,156**
Finished Motor Gasoline	3,153	45	537	16	891	4,643
Finished Leaded Motor Gasoline	1,585	44	0	0	586	2,216
Finished Unleaded Motor Gasoline	1,568	1	537	16	305	2,428
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	428	428
Kerosene-Type Jet Fuel	540	0	0	0	480	1,020
Bonded Aircraft Fuel	0	0	0	0	42	42
Other	540	0	0	0	438	978
Kerosene	(s)	0	0	0	0	(s)
Distillate Fuel Oil	5,250	0	216	(s)	76	5,542
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	5,041	0	216	(s)	76	5,333
No. 4 fuel oil	209	0	0	0	0	209
Residual Fuel Oil	19,949	1,058	944	0	1,027	22,978
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	19	0	0	0	0	19
Other	19,930	1,058	944	0	1,027	22,959
Naphtha < 400 Deg. for Petro. Feed. Use	317	(s)	289	0	15	621
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	38	56	133	0	22	249
Lubricants	293	1	30	(s)	49	374
Wax	4	2	1	0	0	7
Asphalt	123	0	0	0	0	123
Miscellaneous Products	161	9	(s)	0	0	170
Total Imports	**59,207**	**20,223**	**85,953**	**797**	**12,852**	**179,033**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, June 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**31,136**	**18,338**	**60,447**	**352**	**11,543**	**121,818**
Natural Gas Liquids	**260**	**3,569**	**1,723**	**386**	**343**	**6,280**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	0	0	0	85	19	104
Liquefied Petroleum Gases and Ethane	259	3,569	1,723	301	324	6,176
Ethane	0	922	0	0	0	922
Propane	216	512	484	127	40	1,379
Butane	43	562	1	174	284	1,063
Butane-Propane Mixtures	0	0	1,238	0	0	1,238
Ethane-Propane Mixtures	0	1,574	0	0	0	1,574
Other Liquids 1	**1,188**	**74**	**1,728**	**0**	**646**	**3,635**
Unfinished Oils 1	1,188	1	1,551	0	559	3,298
Motor Gasoline Blending Components	0	72	178	0	87	337
Finished Petroleum Products	**26,293**	**826**	**512**	**13**	**3,683**	**31,328**
Finished Motor Gasoline	4,138	1	(s)	13	1,426	5,577
Finished Leaded Motor Gasoline	2,090	0	(s)	0	967	3,058
Finished Unleaded Motor Gasoline	2,048	1	0	13	458	2,520
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	457	0	0	0	0	457
Kerosene-Type Jet Fuel	517	0	0	0	1,079	1,596
Bonded Aircraft Fuel	0	0	0	0	136	136
Other	517	0	0	0	942	1,460
Kerosene	(s)	0	0	0	0	(s)
Distillate Fuel Oil	6,417	4	224	(s)	101	6,746
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	6,191	4	224	(s)	101	6,520
No. 4 fuel oil	226	0	0	0	(s)	226
Residual Fuel Oil	14,228	750	179	0	1,055	16,211
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	14,228	750	179	0	1,055	16,211
Naphtha < 400 Deg. for Petro. Feed. Use	15	1	0	0	0	16
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	88	54	60	0	16	217
Lubricants	224	(s)	20	(s)	(s)	245
Wax	(s)	2	29	0	7	38
Asphalt	208	0	0	0	0	208
Miscellaneous Products	1	14	(s)	0	(s)	16
Total Imports	**58,877**	**22,807**	**64,411**	**752**	**16,215**	**163,061**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, July 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**36,172**	**19,116**	**67,044**	**915**	**9,916**	**133,162**
Natural Gas Liquids	**1,002**	**4,009**	**942**	**475**	**342**	**6,770**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	0	0	0	178	0	178
Liquefied Petroleum Gases and Ethane	1,002	4,009	942	297	342	6,591
Ethane	0	1,509	0	0	0	1,509
Propane	877	568	527	130	36	2,138
Butane	125	534	0	167	306	1,131
Butane-Propane Mixtures	0	0	414	0	0	414
Ethane-Propane Mixtures	0	1,399	0	0	0	1,399
Other Liquids 1	**787**	**43**	**864**	**0**	**517**	**2,211**
Unfinished Oils 1	787	2	864	0	0	1,653
Motor Gasoline Blending Components	0	41	0	0	517	558
Finished Petroleum Products	**30,602**	**798**	**3,729**	**1**	**3,034**	**38,164**
Finished Motor Gasoline	2,888	(s)	0	0	1,788	4,676
Finished Leaded Motor Gasoline	1,707	0	0	0	1,376	3,083
Finished Unleaded Motor Gasoline	1,180	(s)	0	0	412	1,592
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	221	0	0	0	220	441
Kerosene-Type Jet Fuel	631	0	0	0	10	641
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	631	0	0	0	10	641
Kerosene	0	0	0	0	0	0
Distillate Fuel Oil	5,109	0	404	(s)	25	5,539
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	4,531	0	404	(s)	25	4,961
No. 4 fuel oil	578	0	0	0	0	578
Residual Fuel Oil	21,336	721	2,752	0	916	25,726
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	21,336	721	2,752	0	916	25,726
Naphtha < 400 Deg. for Petro. Feed. Use	5	0	263	0	58	326
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	20	53	163	0	18	254
Lubricants	180	(s)	71	(s)	(s)	252
Wax	(s)	8	2	0	0	10
Asphalt	210	0	0	0	0	210
Miscellaneous Products	1	16	74	0	0	91
Total Imports	**68,563**	**23,966**	**72,579**	**1,390**	**13,809**	**180,306**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, August 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	33,802	19,200	66,777	793	8,985	129,557
Natural Gas Liquids	390	3,361	1,505	535	435	6,226
Natural Gasoline and Isopentane	1	0	0	0	0	1
Plant Condensate	0	0	0	163	22	185
Liquefied Petroleum Gases and Ethane	389	3,361	1,505	372	413	6,041
Ethane	0	1,839	0	0	0	1,839
Propane	310	733	365	139	94	1,640
Butane	80	789	0	233	319	1,421
Butane-Propane Mixtures	0	0	1,017	0	0	1,017
Ethane-Propane Mixtures	0	0	123	0	0	123
Other Liquids [1]	2,547	305	2,007	0	879	5,739
Unfinished Oils [1]	1,947	150	1,955	0	345	4,397
Motor Gasoline Blending Components	600	155	52	0	533	1,341
Finished Petroleum Products	29,558	834	4,245	39	2,586	37,261
Finished Motor Gasoline	3,110	2	0	38	682	3,832
Finished Leaded Motor Gasoline	1,929	0	0	0	370	2,299
Finished Unleaded Motor Gasoline	1,181	2	0	38	312	1,533
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	112	0	0	0	0	112
Kerosene-Type Jet Fuel	449	0	218	0	692	1,359
Bonded Aircraft Fuel	0	0	0	0	450	450
Other	449	0	218	0	242	909
Kerosene	336	0	0	0	0	336
Distillate Fuel Oil	4,924	0	315	(s)	161	5,400
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	4,568	0	315	(s)	161	5,044
No. 4 fuel oil	356	0	0	0	0	356
Residual Fuel Oil	20,213	749	3,393	0	1,035	25,391
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	20,213	749	3,393	0	1,035	25,391
Naphtha < 400 Deg. for Petro. Feed. Use	48	0	194	0	0	241
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	24	61	29	0	16	130
Lubricants	193	1	52	1	(s)	247
Wax	(s)	10	14	0	0	24
Asphalt	149	0	0	0	0	149
Miscellaneous Products	1	11	30	0	0	41
Total Imports	66,297	23,700	74,534	1,368	12,884	178,783

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, September 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**34,366**	**21,134**	**75,279**	**1,025**	**10,408**	**142,213**
Natural Gas Liquids	**646**	**3,196**	**1,459**	**524**	**325**	**6,150**
Natural Gasoline and Isopentane	0	0	0	0	0	0
Plant Condensate	0	0	0	139	32	171
Liquefied Petroleum Gases and Ethane	646	3,196	1,459	385	293	5,979
Ethane	(s)	1,110	0	0	0	1,110
Propane	373	932	0	163	40	1,508
Butane	273	657	467	223	253	1,872
Butane-Propane Mixtures	0	0	993	0	0	993
Ethane-Propane Mixtures	0	497	0	0	0	497
Other Liquids [1]	**2,228**	**132**	**3,128**	**0**	**185**	**5,673**
Unfinished Oils [1]	2,080	2	2,615	0	174	4,872
Motor Gasoline Blending Components	148	130	512	0	11	801
Finished Petroleum Products	**30,194**	**828**	**2,661**	**45**	**3,174**	**36,903**
Finished Motor Gasoline	3,593	1	266	44	1,169	5,074
Finished Leaded Motor Gasoline	1,632	1	0	0	740	2,374
Finished Unleaded Motor Gasoline	1,961	0	266	44	428	2,700
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	799	0	0	0	567	1,366
Bonded Aircraft Fuel	2	0	0	0	452	453
Other	797	0	0	0	115	913
Kerosene	268	0	0	0	0	268
Distillate Fuel Oil	3,563	0	278	(s)	31	3,872
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,563	0	278	(s)	31	3,872
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	21,352	751	1,787	0	1,347	25,236
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	(s)	0	0	0	(s)
Other	21,352	751	1,787	0	1,347	25,236
Naphtha < 400 Deg. for Petro. Feed. Use	58	0	53	0	47	157
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	102	62	106	0	14	284
Lubricants	171	(s)	151	1	(s)	324
Wax	16	5	20	0	0	41
Asphalt	272	0	0	0	0	272
Miscellaneous Products	(s)	9	1	0	0	10
Total Imports	**67,435**	**25,290**	**82,527**	**1,595**	**14,092**	**190,939**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, October 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**35,584**	**18,458**	**71,096**	**783**	**9,869**	**135,791**
Natural Gas Liquids	**1,014**	**5,206**	**2,304**	**729**	**453**	**9,707**
Natural Gasoline and Isopentane	306	0	325	0	0	631
Plant Condensate	0	0	0	166	10	176
Liquefied Petroleum Gases and Ethane	708	5,206	1,978	563	443	8,900
Ethane	0	863	0	0	0	863
Propane	437	2,213	0	299	60	3,009
Butane	271	837	1,391	265	383	3,147
Butane-Propane Mixtures	0	0	587	0	0	587
Ethane-Propane Mixtures	0	1,293	0	0	0	1,293
Other Liquids 1	**2,720**	**191**	**1,801**	**0**	**218**	**4,930**
Unfinished Oils 1	2,270	49	1,744	0	198	4,261
Motor Gasoline Blending Components	450	143	56	0	19	668
Finished Petroleum Products	**28,938**	**351**	**2,613**	**63**	**2,346**	**34,312**
Finished Motor Gasoline	3,508	1	0	61	988	4,557
Finished Leaded Motor Gasoline	2,025	0	0	0	640	2,665
Finished Unleaded Motor Gasoline	1,483	1	0	61	348	1,892
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	229	0	0	0	206	435
Bonded Aircraft Fuel	14	0	0	0	206	220
Other	215	0	0	0	(s)	215
Kerosene	196	0	0	0	0	196
Distillate Fuel Oil	3,363	0	217	1	98	3,678
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,279	0	217	1	98	3,595
No. 4 fuel oil	83	0	0	0	0	83
Residual Fuel Oil	21,392	276	1,765	0	921	24,353
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	95	0	0	0	0	95
Other	21,297	276	1,765	0	921	24,258
Naphtha < 400 Deg. for Petro. Feed. Use	2	0	391	0	22	415
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	16	51	127	0	18	212
Lubricants	164	1	49	(s)	92	305
Wax	(s)	14	17	2	2	34
Asphalt	68	0	48	0	0	116
Miscellaneous Products	(s)	10	0	0	0	10
Total Imports	**68,256**	**24,207**	**77,814**	**1,575**	**12,886**	**184,739**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, November 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**32,872**	**23,697**	**57,323**	**999**	**6,487**	**121,378**
Natural Gas Liquids	**688**	**6,711**	**257**	**761**	**629**	**9,046**
Natural Gasoline and Isopentane	306	0	181	0	0	487
Plant Condensate	0	0	0	135	16	150
Liquefied Petroleum Gases and Ethane	382	6,711	76	626	614	8,409
Ethane	(s)	1,127	0	0	0	1,127
Propane	204	1,868	0	278	81	2,432
Butane	177	948	0	348	533	2,006
Butane-Propane Mixtures	0	0	76	0	0	76
Ethane-Propane Mixtures	0	2,768	0	0	0	2,768
Other Liquids [1]	**1,150**	**172**	**2,734**	**0**	**474**	**4,530**
Unfinished Oils [1]	1,150	62	2,084	0	0	3,296
Motor Gasoline Blending Components	0	110	650	0	474	1,233
Finished Petroleum Products	**31,234**	**698**	**3,437**	**89**	**1,826**	**37,284**
Finished Motor Gasoline	3,785	1	236	88	337	4,448
Finished Leaded Motor Gasoline	2,115	0	(s)	0	65	2,180
Finished Unleaded Motor Gasoline	1,670	1	236	88	272	2,268
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	1	0	0	0	272	272
Bonded Aircraft Fuel	0	0	0	0	129	129
Other	1	0	0	0	142	143
Kerosene	563	0	0	0	0	563
Distillate Fuel Oil	3,441	0	219	(s)	74	3,734
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,406	0	219	(s)	74	3,699
No. 4 fuel oil	35	0	0	0	0	35
Residual Fuel Oil	23,216	621	1,652	0	917	26,406
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	23,216	621	1,652	0	917	26,406
Naphtha < 400 Deg. for Petro. Feed. Use	47	0	745	0	0	793
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	12	59	325	0	202	598
Lubricants	98	(s)	(s)	1	(s)	99
Wax	1	9	4	0	24	38
Asphalt	69	0	57	0	0	126
Miscellaneous Products	1	8	198	0	(s)	207
Total Imports	**65,944**	**31,278**	**63,750**	**1,849**	**9,417**	**172,239**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note. Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation

Table 18. Imports of Crude Oil and Petroleum Products by PAD District, December 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**34,903**	**22,559**	**62,404**	**1,119**	**7,253**	**128,238**
Natural Gas Liquids	**984**	**5,656**	**156**	**916**	**383**	**8,096**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	0	0	0	165	15	179
Liquefied Petroleum Gases and Ethane	983	5,656	156	752	368	7,916
Ethane	0	606	0	0	0	606
Propane	597	1,655	(s)	355	31	2,639
Butane	386	935	0	397	337	2,055
Butane-Propane Mixtures	0	0	156	0	0	156
Ethane-Propane Mixtures	0	2,460	0	0	0	2,460
Other Liquids [1]	**2,035**	**190**	**3,116**	**0**	**523**	**5,864**
Unfinished Oils [1]	1,906	127	2,942	0	426	5,401
Motor Gasoline Blending Components	129	63	174	0	97	463
Finished Petroleum Products	**33,762**	**860**	**1,734**	**36**	**2,544**	**38,936**
Finished Motor Gasoline	4,494	1	399	35	1,187	6,117
Finished Leaded Motor Gasoline	2,557	0	163	0	728	3,448
Finished Unleaded Motor Gasoline	1,938	1	236	35	459	2,668
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	49	0	0	0	0	49
Kerosene-Type Jet Fuel	74	0	0	0	107	180
Bonded Aircraft Fuel	0	0	0	0	100	100
Other	74	0	0	0	7	80
Kerosene	293	0	0	0	0	293
Distillate Fuel Oil	2,573	0	(s)	(s)	370	2,944
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,573	0	(s)	(s)	370	2,944
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	25,985	795	1,216	0	397	28,393
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	25,985	795	1,216	0	397	28,393
Naphtha < 400 Deg. for Petro. Feed. Use	2	0	68	0	0	69
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	71	52	0	0	6	128
Lubricants	170	(s)	(s)	1	(s)	171
Wax	4	5	1	0	0	10
Asphalt	44	0	50	0	0	94
Miscellaneous Products	2	6	(s)	0	479	487
Total Imports	**71,684**	**29,265**	**67,410**	**2,071**	**10,703**	**181,133**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1981
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	10,111	142	0	0	0	0	0	0	324	0	0	466	10,577	341
Libya	15,292	0	0	0	0	0	0	0	204	0	0	204	15,496	500
Saudi Arabia	39,528	278	0	0	0	0	0	0	0	0	0	278	39,806	1,284
United Arab Emirates	2,896	0	0	0	0	0	0	0	0	0	0	0	2,896	93
Subtotal Arab OPEC	67,826	420	0	0	0	0	0	0	528	0	0	949	68,775	2,219
Other OPEC														
Ecuador	350	0	0	0	0	0	0	0	116	0	0	116	466	15
Gabon	369	0	0	0	0	0	0	0	0	0	0	0	369	12
Indonesia	11,212	477	94	0	100	(s)	0	49	1,201	0	0	1,921	13,133	424
Nigeria	27,933	0	0	0	0	0	0	0	223	0	0	223	28,156	908
Venezuela	3,905	405	0	0	95	88	311	445	11,736	0	42	13,121	17,026	549
Subtotal Other OPEC	43,769	881	94	0	195	88	311	494	13,276	0	42	15,382	59,151	1,908
Other														
Angola	1,435	0	0	0	0	0	0	0	339	0	0	339	1,773	57
Australia	0	42	0	0	0	0	0	0	0	0	37	79	79	3
Bahamas	0	0	259	0	0	0	0	216	750	0	0	1,224	1,224	39
Brazil	442	0	0	0	0	0	0	0	0	0	0	0	442	14
Brunei	0	0	0	0	102	0	0	24	142	0	0	268	268	9
Canada	6,178	7,577	2	266	479	0	0	636	1,181	123	399	10,664	16,843	543
Egypt	1,364	0	0	0	0	0	0	0	0	0	0	0	1,364	44
France	0	(s)	0	0	0	0	0	0	375	0	(s)	375	375	12
Ghana	374	0	0	0	0	0	0	0	14	0	0	14	389	13
Malaysia	1,423	0	19	0	77	0	0	31	61	0	0	188	1,611	52
Mexico	11,715	421	0	(s)	0	0	0	13	280	0	6	720	12,435	401
Netherlands	0	0	0	0	0	0	0	317	0	0	52	370	370	12
Netherlands Antilles	0	0	0	0	26	356	0	983	4,762	0	0	6,127	6,127	198
Norway	4,239	0	0	0	0	0	0	0	0	0	0	0	4,239	137
People's Republic of China	0	0	0	170	0	0	0	0	0	0	0	170	170	5
Peru	1,624	0	0	0	0	0	0	0	211	0	0	211	1,835	59
Puerto Rico	0	0	515	0	777	0	0	607	476	0	372	2,747	2,747	89
Syria	515	0	0	0	0	0	0	0	0	0	0	0	515	17
Trinidad and Tobago	3,345	0	0	0	101	0	0	310	641	120	148	1,319	4,664	150
United Kingdom	7,080	157	0	0	0	0	0	0	(s)	0	(s)	157	7,238	233
Virgin Islands	0	0	1,014	198	1,980	0	126	4,485	7,517	0	0	15,320	15,320	494
Other Western Hemisphere	0	0	100	0	0	0	0	0	393	168	0	662	662	21
Other Eastern Hemisphere	1,576	0	0	0	526	10	0	359	530	0	36	1,460	3,036	98
Subtotal Other	41,311	8,198	1,908	633	4,068	366	126	7,981	17,672	410	1,051	42,415	83,726	2,701
Total Imports	152,907	9,500	2,003	633	4,263	454	437	8,475	31,476	410	1,093	58,745	211,651	6,827

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District I														
Arab OPEC														
Algeria	4,847	142	0	0	0	0	0	0	324	0	0	466	5,313	171
Libya	3,439	0	0	0	0	0	0	0	204	0	0	204	3,644	118
Saudi Arabia	11,541	278	0	0	0	0	0	0	0	0	0	278	11,819	381
United Arab Emirates	3	0	0	0	0	0	0	0	0	0	0	0	3	(s)
Subtotal Arab OPEC	19,830	420	0	0	0	0	0	0	528	0	0	949	20,778	670
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	116	0	0	116	116	4
Gabon	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Indonesia	1,190	0	0	0	0	0	0	0	983	0	0	983	2,174	70
Nigeria	4,889	0	0	0	0	0	0	0	223	0	0	223	5,113	165
Venezuela	1,901	310	0	0	0	3	311	445	11,736	0	42	12,846	14,747	476
Subtotal Other OPEC	7,982	310	0	0	0	3	311	445	13,058	0	42	14,168	22,150	715
Other														
Angola	864	0	0	0	0	0	0	0	339	0	0	339	1,203	39
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	259	0	0	0	0	216	382	0	0	857	857	28
Canada	76	508	1	0	478	0	0	636	393	45	8	2,069	2,145	69
France	0	(s)	0	0	0	0	0	0	375	0	(s)	375	375	12
Ghana	0	0	0	0	0	0	0	0	14	0	0	14	14	(s)
Mexico	2,565	0	0	0	0	0	0	0	280	0	0	280	2,845	92
Netherlands	0	0	0	0	0	0	0	317	0	0	52	370	370	12
Netherlands Antilles	0	0	0	0	26	119	0	983	4,762	0	0	5,890	5,890	190
Norway	2,041	0	0	0	0	0	0	0	0	0	0	0	2,041	66
Peru	816	0	0	0	0	0	0	0	211	0	0	211	1,027	33
Puerto Rico	0	0	370	0	777	0	0	607	476	0	260	2,491	2,491	80
Trinidad and Tobago	452	0	0	0	101	0	0	310	641	120	148	1,319	1,771	57
United Kingdom	1,906	157	0	0	0	0	0	0	0	0	(s)	157	2,063	67
Virgin Islands	0	0	1,014	0	1,980	0	126	4,485	7,517	0	0	15,122	15,122	488
Other Western Hemisphere	0	0	0	0	0	0	0	0	393	125	0	519	519	17
Other Eastern Hemisphere	117	0	0	0	526	0	0	359	529	0	1	1,414	1,531	49
Subtotal Other	8,838	665	1,643	0	3,888	119	126	7,913	16,313	290	469	31,427	40,265	1,299
Total Imports	36,649	1,395	1,643	0	3,888	122	437	8,358	29,900	290	511	46,544	83,194	2,684
PAD District II														
Arab OPEC														
Algeria	1,694	0	0	0	0	0	0	0	0	0	0	0	1,694	55
Libya	3,708	0	0	0	0	0	0	0	0	0	0	0	3,708	120
Saudi Arabia	2,588	0	0	0	0	0	0	0	0	0	0	0	2,588	83
United Arab Emirates	505	0	0	0	0	0	0	0	0	0	0	0	505	16
Subtotal Arab OPEC	8,494	0	0	0	0	0	0	0	0	0	0	0	8,494	274

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	PAD District II													
Other OPEC														
Ecuador	350	0	0	0	0	0	0	0	0	0	0	0	350	11
Gabon	368	0	0	0	0	0	0	0	0	0	0	0	368	12
Nigeria	6,879	0	0	0	0	0	0	0	0	0	0	0	6,879	222
Subtotal Other OPEC	7,597	0	0	0	0	0	0	0	0	0	0	0	7,597	245
Other														
Canada	3,730	6,192	2	250	1	0	0	0	788	62	15	7,310	11,041	356
Egypt	1,120	0	0	0	0	0	0	0	0	0	0	0	1,120	36
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,066	0	0	0	0	0	0	0	0	0	0	0	4,066	131
Norway	877	0	0	0	0	0	0	0	0	0	0	0	877	28
Peru	391	0	0	0	0	0	0	0	0	0	0	0	391	13
Trinidad and Tobago	378	0	0	0	0	0	0	0	0	0	0	0	378	12
United Kingdom	408	0	0	0	0	0	0	0	0	0	0	0	408	13
Other Eastern Hemisphere	815	0	0	0	0	0	0	0	0	0	(s)	(s)	815	26
Subtotal Other	11,784	6,192	2	250	1	0	0	0	788	62	15	7,310	19,095	616
Total Imports	27,875	6,192	2	250	1	0	0	0	788	62	15	7,310	35,186	1,135
	PAD District III													
Arab OPEC														
Algeria	3,571	0	0	0	0	0	0	0	0	0	0	0	3,571	115
Libya	8,144	0	0	0	0	0	0	0	0	0	0	0	8,144	263
Saudi Arabia	25,185	0	0	0	0	0	0	0	0	0	0	0	25,185	812
United Arab Emirates	1,950	0	0	0	0	0	0	0	0	0	0	0	1,950	63
Subtotal Arab OPEC	38,850	0	0	0	0	0	0	0	0	0	0	0	38,850	1,253
Other OPEC														
Indonesia	1,320	477	0	0	0	0	0	0	0	0	0	477	1,797	58
Nigeria	16,164	0	0	0	0	0	0	0	0	0	0	0	16,164	521
Venezuela	2,004	95	0	0	95	0	0	0	0	0	0	190	2,194	71
Subtotal Other OPEC	19,489	572	0	0	95	0	0	0	0	0	0	667	20,156	650
Other														
Angola	570	0	0	0	0	0	0	0	0	0	0	0	570	18
Bahamas	0	0	0	0	0	0	0	0	367	0	0	367	367	12
Brazil	442	0	0	0	0	0	0	0	0	0	0	0	442	14
Canada	0	(s)	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Egypt	245	0	0	0	0	0	0	0	0	0	0	0	245	8
France	0	(s)	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	374	0	0	0	0	0	0	0	0	0	0	0	374	12
Mexico	5,084	421	0	0	0	0	0	(s)	0	0	6	428	5,512	178
Netherlands Antilles	0	0	0	0	0	237	0	0	0	0	0	237	237	8
Norway	1,322	0	0	0	0	0	0	0	0	0	0	0	1,322	43
Peru	417	0	0	0	0	0	0	0	0	0	0	0	417	13
Puerto Rico	0	0	144	0	0	0	0	0	0	0	112	257	257	8
Syria	515	0	0	0	0	0	0	0	0	0	0	0	515	17

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District III							
Other														
Trinidad and Tobago	2,514	0	0	0	0	0	0	0	0	0	0	0	2,514	81
United Kingdom	4,767	0	0	0	0	0	0	0	0	0	0	0	4,767	154
Virgin Islands	0	0	0	198	0	0	0	0	0	0	0	198	198	6
Other Western Hemisphere	0	0	100	0	0	0	0	0	0	43	0	143	143	5
Other Eastern Hemisphere	645	0	0	0	0	0	0	0	0	0	28	28	672	22
Subtotal Other	16,895	421	244	198	0	237	0	(s)	367	43	146	1,658	18,553	598
Total Imports	75,234	993	244	198	95	237	0	(s)	367	43	146	2,325	77,558	2,502
							PAD District IV							
Other														
Canada	1,833	541	0	0	0	0	0	0	0	0	338	879	2,712	87
Subtotal Other	1,833	541	0	0	0	0	0	0	0	0	338	879	2,712	87
Total Imports	1,833	541	0	0	0	0	0	0	0	0	338	879	2,712	87
							PAD District V							
Arab OPEC														
Saudi Arabia	214	0	0	0	0	0	0	0	0	0	0	0	214	7
United Arab Emirates	438	0	0	0	0	0	0	0	0	0	0	0	438	14
Subtotal Arab OPEC	652	0	0	0	0	0	0	0	0	0	0	0	652	21
Other OPEC														
Indonesia	8,701	0	94	0	100	(s)	0	49	217	0	0	461	9,162	296
Venezuela	0	0	0	0	0	85	0	0	0	0	0	85	85	3
Subtotal Other OPEC	8,701	0	94	0	100	86	0	49	217	0	0	546	9,247	298
Other														
Australia	0	42	0	0	0	0	0	0	0	0	37	79	79	3
Brunei	0	0	0	0	102	0	0	24	142	0	0	268	268	9
Canada	539	336	0	16	0	0	0	(s)	0	16	39	406	945	30
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	1,423	0	19	0	77	0	0	31	61	0	0	188	1,611	52
Mexico	0	0	0	(s)	0	0	0	12	0	0	0	12	12	(s)
People's Republic of China	0	0	0	170	0	0	0	0	0	0	0	170	170	5
United Kingdom	0	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)
Other Eastern Hemisphere	0	0	0	0	0	10	0	0	(s)	0	7	17	17	1
Subtotal Other	1,962	378	19	185	179	10	0	68	204	16	83	1,140	3,102	100
Total Imports	11,315	378	113	185	279	95	0	116	421	16	83	1,686	13,001	419

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1981
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	9,462	0	0	0	0	0	0	199	1,000	0	0	1,198	10,660	381
Iraq	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Libya	13,114	0	0	0	0	0	0	0	0	0	0	0	13,114	468
Saudi Arabia	30,147	926	206	0	0	0	0	0	144	0	0	1,275	31,423	1,122
United Arab Emirates	2,606	0	0	0	0	0	0	0	0	0	0	0	2,606	93
Subtotal Arab OPEC	55,329	926	206	0	0	0	0	199	1,144	0	(s)	2,474	57,803	2,064
Other OPEC														
Ecuador	442	0	0	0	0	0	0	0	482	0	0	482	924	33
Gabon	1,645	0	0	0	0	0	0	0	0	0	0	0	1,645	59
Indonesia	10,478	0	0	0	305	0	0	87	489	0	0	881	11,359	406
Nigeria	23,724	0	0	0	0	0	0	0	535	0	0	535	24,259	866
Venezuela	3,755	301	337	0	0	137	0	1,088	7,347	0	0	9,209	12,964	463
Subtotal Other OPEC	40,044	301	337	0	305	137	0	1,175	8,853	0	0	11,108	51,152	1,827
Other														
Angola	1,749	0	0	0	0	0	0	0	0	0	0	0	1,749	62
Bahamas	0	0	200	0	0	0	0	960	1,184	0	0	2,343	2,343	84
Bolivia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Brazil	371	0	0	0	0	0	0	0	347	0	0	347	717	26
Brunei	0	0	0	0	14	0	0	4	0	0	0	18	18	1
Canada	5,560	7,209	1	262	364	(s)	0	425	1,050	114	313	9,739	15,299	546
Congo	678	0	0	0	0	0	0	0	0	0	0	0	678	24
Egypt	1,466	0	0	0	0	0	0	0	0	0	0	0	1,466	52
France	0	106	0	0	0	0	0	0	0	0	(s)	106	106	4
Malaysia	888	0	50	0	7	0	0	23	0	0	0	80	967	35
Mexico	11,732	492	0	(s)	0	0	0	11	0	0	5	508	12,240	437
Netherlands	0	0	0	0	0	0	0	400	0	0	0	400	400	14
Netherlands Antilles	0	0	484	0	255	738	0	263	4,619	0	0	6,359	6,359	227
Norway	2,868	0	0	0	0	0	0	0	0	0	0	0	2,868	102
Oman	1,195	0	0	0	0	0	0	0	0	0	0	0	1,195	43
Peru	1,499	0	0	0	0	0	0	0	0	0	0	0	1,499	54
Puerto Rico	0	0	0	0	632	0	0	401	0	0	249	1,282	1,282	46
Syria	524	0	0	0	0	0	0	0	0	0	0	0	524	19
Trinidad and Tobago	3,816	0	0	0	0	0	0	201	530	0	26	757	4,573	163
Tunisia	303	0	0	0	0	0	0	0	0	0	0	0	303	11
United Kingdom	6,355	0	0	0	176	0	0	729	316	0	(s)	1,221	7,576	271
Virgin Islands	0	0	1,637	0	1,365	174	48	3,352	6,892	0	0	13,468	13,468	481
Zaire	741	0	0	0	0	0	0	0	0	0	0	0	741	26
Other Western Hemisphere	130	0	30	0	0	0	0	0	386	0	0	417	546	20
Other Eastern Hemisphere	1,204	130	0	0	0	5	0	947	1,391	75	(s)	2,548	3,752	134
Subtotal Other	41,077	7,937	2,402	262	2,812	916	48	7,717	16,715	189	593	39,592	80,669	2,881
Total Imports	136,450	9,164	2,945	262	3,116	1,053	48	9,090	26,712	189	593	53,173	189,623	6,772

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	3,891	0	0	0	0	0	0	199	1,000	0	0	1,198	5,089	182
Iraq	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Libya	2,839	0	0	0	0	0	0	0	0	0	0	0	2,839	101
Saudi Arabia	8,858	926	206	0	0	0	0	0	144	0	0	1,275	10,133	362
Subtotal Arab OPEC	15,587	926	206	0	0	0	0	199	1,144	0	(s)	2,474	18,061	645
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	482	0	0	482	482	17
Gabon	564	0	0	0	0	0	0	0	0	0	0	0	564	20
Indonesia	1,029	0	0	0	0	0	0	0	140	0	0	140	1,169	42
Nigeria	5,042	0	0	0	0	0	0	0	535	0	0	535	5,577	199
Venezuela	1,552	105	0	0	0	112	0	1,088	7,347	0	0	8,651	10,204	364
Subtotal Other OPEC	8,186	105	0	0	0	112	0	1,088	8,504	0	0	9,809	17,995	643
Other														
Angola	1,551	0	0	0	0	0	0	0	0	0	0	0	1,551	55
Bahamas	0	0	200	0	0	0	0	526	1,184	0	0	1,910	1,910	68
Boliva	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Brazil	371	0	0	0	0	0	0	0	347	0	0	347	717	26
Canada	72	477	1	11	362	(s)	0	425	531	48	8	1,863	1,935	69
Egypt	548	0	0	0	0	0	0	0	0	0	0	0	548	20
France	0	106	0	0	0	0	0	0	0	0	0	106	106	4
Mexico	1,357	0	0	0	0	0	0	0	0	0	0	0	1,357	48
Netherlands	0	0	0	0	0	0	0	400	0	0	0	400	400	14
Netherlands Antilles	0	0	68	0	255	578	0	263	4,619	0	0	5,783	5,783	207
Oman	627	0	0	0	0	0	0	0	0	0	0	0	627	22
Peru	348	0	0	0	0	0	0	0	0	0	0	0	348	12
Puerto Rico	0	0	0	0	632	0	0	401	0	0	186	1,219	1,219	44
Trinidad and Tobago	720	0	0	0	0	0	0	201	530	0	0	731	1,451	52
Tunisia	303	0	0	0	0	0	0	0	0	0	0	0	303	11
United Kingdom	1,474	0	0	0	176	0	0	729	316	0	(s)	1,221	2,696	96
Virgin Islands	0	0	1,209	0	1,365	174	48	3,352	6,892	0	0	13,040	13,040	466
Zaire	741	0	0	0	0	0	0	0	0	0	0	0	741	26
Other Western Hemisphere	0	0	0	0	0	0	0	0	386	0	0	386	386	14
Other Eastern Hemisphere	348	128	0	0	0	0	0	947	1,391	0	(s)	2,466	2,814	101
Subtotal Other	8,460	711	1,478	11	2,790	752	48	7,245	16,195	48	194	29,472	37,932	1,355
Total Imports	32,234	1,741	1,683	11	2,790	865	48	8,531	25,843	48	194	41,755	73,988	2,642
							PAD District II							
Arab OPEC														
Algeria	2,212	0	0	0	0	0	0	0	0	0	0	0	2,212	79
Libya	3,593	0	0	0	0	0	0	0	0	0	0	0	3,593	128
Saudi Arabia	1,533	0	0	0	0	0	0	0	0	0	0	0	1,533	55
United Arab Emirates	314	0	0	0	0	0	0	0	0	0	0	0	314	11
Subtotal Arab OPEC	7,652	0	0	0	0	0	0	0	0	0	0	0	7,652	273

See footnotes at end of table.

(Thousands of Barrels)

(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
PAD District II														
Other OPEC														
Ecuador	442	0	0	0	0	0	0	0	0	0	0	0	442	16
Gabon	907	0	0	0	0	0	0	0	0	0	0	0	907	32
Nigeria	4,958	0	0	0	0	0	0	0	0	0	0	0	4,958	177
Venezuela	464	0	0	0	0	0	0	0	0	0	0	0	464	17
Subtotal Other OPEC	6,771	0	0	0	0	0	0	0	0	0	0	0	6,771	242
Other														
Canada	3,957	5,742	0	244	1	0	0	0	520	56	16	6,579	10,535	376
Egypt	143	0	0	0	0	0	0	0	0	0	0	0	143	5
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,344	0	0	0	0	0	0	0	0	0	0	0	2,344	84
Norway	693	0	0	0	0	0	0	0	0	0	0	0	693	25
Oman	568	0	0	0	0	0	0	0	0	0	0	0	568	20
Trinidad and Tobago	925	0	0	0	0	0	0	0	0	0	0	0	925	33
United Kingdom	1,002	0	0	0	0	0	0	0	0	0	0	0	1,002	36
Other Western Hemisphere	130	0	0	0	0	0	0	0	0	0	0	0	130	5
Other Eastern Hemisphere	856	2	0	0	0	0	0	0	0	0	(s)	2	858	31
Subtotal Other	10,616	5,744	0	244	1	0	0	0	520	56	16	6,581	17,197	614
Total Imports	25,039	5,744	0	244	1	0	0	0	520	56	16	6,581	31,620	1,129
PAD District III														
Arab OPEC														
Algeria	3,359	0	0	0	0	0	0	0	0	0	0	0	3,359	120
Libya	6,683	0	0	0	0	0	0	0	0	0	0	0	6,683	239
Saudi Arabia	19,756	0	0	0	0	0	0	0	0	0	0	0	19,756	706
United Arab Emirates	1,513	0	0	0	0	0	0	0	0	0	0	0	1,513	54
Subtotal Arab OPEC	31,310	0	0	0	0	0	0	0	0	0	0	0	31,310	1,118
Other OPEC														
Gabon	175	0	0	0	0	0	0	0	0	0	0	0	175	6
Indonesia	1,298	0	0	0	0	0	0	0	0	0	0	0	1,298	46
Nigeria	13,724	0	0	0	0	0	0	0	0	0	0	0	13,724	490
Venezuela	1,739	196	337	0	0	0	0	0	0	0	0	534	2,272	81
Subtotal Other OPEC	16,935	196	337	0	0	0	0	0	0	0	0	534	17,469	624
Other														
Angola	198	0	0	0	0	0	0	0	0	0	0	0	198	7
Bahamas	0	0	0	0	0	0	0	433	0	0	0	433	433	15
Canada	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Congo	678	0	0	0	0	0	0	0	0	0	0	0	678	24
Egypt	776	0	0	0	0	0	0	0	0	0	0	0	776	28
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	8,031	492	0	0	0	0	0	(s)	0	0	5	497	8,528	305
Netherlands Antilles	0	0	416	0	0	159	0	0	0	0	0	576	576	21
Norway	2,175	0	0	0	0	0	0	0	0	0	0	0	2,175	78

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	PAD District III													
Other														
Peru	1,151	0	0	0	0	0	0	0	0	0	0	0	1,151	41
Puerto Rico	0	0	0	0	0	0	0	0	0	0	63	63	63	2
Syria	524	0	0	0	0	0	0	0	0	0	0	0	524	19
Trinidad and Tobago	2,171	0	0	0	0	0	0	0	0	0	0	0	2,171	78
United Kingdom	3,878	0	0	0	0	0	0	0	0	0	0	0	3,878	139
Virgin Islands	0	0	428	0	0	0	0	0	0	0	0	428	428	15
Other Western Hemisphere	0	0	30	0	0	0	0	0	0	0	0	30	30	1
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	75	0	75	75	3
Subtotal Other	19,582	492	874	0	0	159	0	434	0	75	68	2,102	21,684	774
Total Imports	67,827	688	1,212	0	0	159	0	434	0	75	68	2,635	70,463	2,517
	PAD District IV													
Other														
Canada	923	451	0	0	0	0	0	0	0	0	267	718	1,641	59
Subtotal Other	923	451	0	0	0	0	0	0	0	0	267	718	1,641	59
Total Imports	923	451	0	0	0	0	0	0	0	0	267	718	1,641	59
	PAD District V													
Arab OPEC														
United Arab Emirates	779	0	0	0	0	0	0	0	0	0	0	0	779	28
Subtotal Arab OPEC	779	0	0	0	0	0	0	0	0	0	0	0	779	28
Other OPEC														
Indonesia	8,152	0	0	0	305	0	0	87	349	0	0	741	8,893	318
Venezuela	0	0	0	0	0	24	0	0	0	0	0	24	24	1
Subtotal Other OPEC	8,152	0	0	0	305	24	0	87	349	0	0	765	8,917	318
Other														
Brunei	0	0	0	0	14	0	0	4	0	0	0	18	18	1
Canada	608	539	0	7	0	0	0	(s)	0	10	23	579	1,187	42
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	888	0	50	0	7	0	0	23	0	0	0	80	967	35
Mexico	0	0	0	(s)	0	0	0	11	0	0	0	11	11	(s)
Netherlands Antilles	0	0	0	0	0	(s)	0	0	0	0	0	(s)	(s)	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	26	26	26	1
Other Eastern Hemisphere	0	0	0	0	0	5	0	0	(s)	0	0	5	5	(s)
Subtotal Other	1,496	539	50	7	21	5	0	38	(s)	10	48	718	2,214	79
Total Imports	10,427	539	50	7	325	29	0	125	349	10	48	1,484	11,911	425

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1984
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	9,729	0	0	0	0	0	0	0	1,183	0	0	1,183	10,913	352
Libya	15,028	0	0	0	0	0	0	0	0	0	0	0	15,028	485
Saudi Arabia	31,848	0	0	0	0	0	0	0	0	0	0	0	31,848	1,027
United Arab Emirates	1,468	0	0	0	0	0	0	0	0	0	0	0	1,468	47
Subtotal Arab OPEC	58,074	0	0	0	0	0	0	0	1,183	0	0	1,183	59,257	1,912
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	240	0	0	240	240	8
Gabon	1,442	0	0	0	0	0	0	0	0	0	0	0	1,442	47
Indonesia	9,084	0	0	0	45	129	0	21	903	0	0	1,098	10,183	328
Nigeria	23,911	0	0	0	0	0	0	0	0	0	0	0	23,911	771
Venezuela	4,155	332	104	0	285	506	0	346	5,339	0	87	6,999	11,154	360
Subtotal Other OPEC	38,593	332	104	0	330	635	0	367	6,482	0	87	8,337	46,930	1,514
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Australia	0	39	0	0	0	0	0	0	218	0	0	256	256	8
Bahamas	0	0	0	0	0	304	0	923	1,057	0	0	2,284	2,284	74
Brazil	369	0	0	0	0	0	0	0	0	30	0	30	399	13
Brunei	0	0	0	0	(s)	0	0	7	7	0	0	15	15	(s)
Canada	5,455	7,149	1	190	13	1	0	217	1,210	140	263	9,184	14,639	472
Congo	596	0	0	0	0	0	0	0	0	0	0	0	596	19
Egypt	1,480	0	0	0	0	0	0	0	0	0	0	0	1,480	48
France	0	0	0	0	0	0	0	206	0	0	(s)	206	206	7
Ghana	0	0	0	0	0	0	0	0	161	0	0	161	161	5
Malaysia	528	0	0	0	78	0	0	0	13	0	0	90	619	20
Mexico	14,565	538	0	(s)	(s)	0	0	14	(s)	0	6	559	15,124	488
Netherlands	0	0	0	241	1,052	0	0	61	0	0	0	1,354	1,354	44
Netherlands Antilles	0	0	144	249	256	600	0	0	5,803	0	0	7,052	7,052	227
Norway	5,531	0	105	0	0	0	0	113	0	0	0	218	5,748	185
Oman	599	0	0	0	0	0	0	0	0	0	0	0	599	19
People's Republic of China	0	0	0	0	521	0	0	0	0	0	0	521	521	17
Peru	789	0	0	0	0	0	0	0	224	0	0	224	1,013	33
Puerto Rico	0	0	0	0	667	0	0	405	0	0	321	1,393	1,393	45
Romania	0	0	0	0	595	0	0	0	0	0	0	595	595	19
Spain	0	0	0	0	0	0	0	0	236	0	0	236	236	8
Syria	519	0	0	0	0	0	0	0	0	0	0	0	519	17
Trinidad and Tobago	2,423	0	0	0	0	0	0	0	335	39	94	468	2,892	93
United Kingdom	8,150	0	(s)	0	0	0	0	0	0	0	(s)	(s)	8,150	263
Virgin Islands	0	0	2,146	0	1,734	805	232	2,253	4,298	0	0	11,467	11,467	370
Zaire	582	0	0	0	0	0	0	0	0	0	0	0	582	19
Other Western Hemisphere	0	0	115	0	0	0	0	0	353	0	0	468	468	15
Other Eastern Hemisphere	1,208	(s)	0	234	44	0	0	0	94	18	22	411	1,619	52
Subtotal Other	43,494	7,726	2,511	914	4,959	1,709	232	4,200	14,008	227	706	37,193	80,687	2,603
Total Imports	140,160	8,058	2,615	914	5,289	2,344	232	4,567	21,674	227	793	46,714	186,874	6,028

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1981 (Thousands of Barrels) (continued)

Source	Crude Oil[1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products[2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	6,057	0	0	0	0	0	0	0	1,183	0	0	1,183	7,241	234
Libya	2,854	0	0	0	0	0	0	0	0	0	0	0	2,854	92
Saudi Arabia	9,720	0	0	0	0	0	0	0	0	0	0	0	9,720	314
Subtotal Arab OPEC	18,631	0	0	0	0	0	0	0	1,183	0	0	1,183	19,814	639
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	240	0	0	240	240	8
Gabon	946	0	0	0	0	0	0	0	0	0	0	0	946	31
Indonesia	1,935	0	0	0	0	0	0	0	885	0	0	885	2,820	91
Nigeria	5,099	0	0	0	0	0	0	0	0	0	0	0	5,099	164
Venezuela	1,740	332	104	0	285	506	0	346	5,339	0	87	6,999	8,739	282
Subtotal Other OPEC	9,720	332	104	0	285	506	0	346	6,465	0	87	8,124	17,844	576
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Australia	0	0	0	0	0	0	0	0	218	0	0	218	218	7
Bahamas	0	0	0	0	0	304	0	694	1,057	0	0	2,055	2,055	66
Brazil	369	0	0	0	0	0	0	0	0	0	0	0	369	12
Canada	85	330	1	0	0	1	0	217	435	60	12	1,056	1,142	37
Egypt	413	0	0	0	0	0	0	0	0	0	0	0	413	13
France	0	0	0	0	0	0	0	206	0	0	(s)	206	206	7
Ghana	0	0	0	0	0	0	0	0	161	0	0	161	161	5
Mexico	3,874	0	0	0	0	0	0	0	0	0	0	0	3,874	125
Netherlands	0	0	0	241	1,052	0	0	61	0	0	0	1,354	1,354	44
Netherlands Antilles	0	0	139	249	256	595	0	0	5,803	0	0	7,041	7,041	227
Norway	1,605	0	105	0	0	0	0	113	0	0	0	218	1,822	59
Peru	406	0	0	0	0	0	0	0	224	0	0	224	630	20
Puerto Rico	0	0	0	0	667	0	0	405	0	0	153	1,226	1,226	40
Spain	0	0	0	0	0	0	0	0	236	0	0	236	236	8
Trinidad and Tobago	294	0	0	0	0	0	0	0	335	0	0	335	629	20
United Kingdom	2,461	0	0	0	0	0	0	0	0	0	(s)	(s)	2,461	79
Virgin Islands	0	0	1,557	0	1,734	805	232	2,253	4,298	0	0	10,878	10,878	351
Zaire	582	0	0	0	0	0	0	0	0	0	0	0	582	19
Other Western Hemisphere	0	0	0	0	0	0	0	0	353	0	0	353	353	11
Other Eastern Hemisphere	0	(s)	0	234	0	0	0	0	0	0	(s)	234	234	8
Subtotal Other	10,788	330	1,801	724	3,709	1,704	232	3,949	13,120	60	165	25,795	36,582	1,180
Total Imports	39,138	662	1,905	724	3,994	2,210	232	4,296	20,768	60	252	35,103	74,241	2,395
							PAD District II							
Arab OPEC														
Algeria	1,057	0	0	0	0	0	0	0	0	0	0	0	1,057	34
Libya	3,574	0	0	0	0	0	0	0	0	0	0	0	3,574	115
Saudi Arabia	1,450	0	0	0	0	0	0	0	0	0	0	0	1,450	47
United Arab Emirates	643	0	0	0	0	0	0	0	0	0	0	0	643	21
Subtotal Arab OPEC	6,724	0	0	0	0	0	0	0	0	0	0	0	6,724	217

See footnotes at end of table.

(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District II														
Other OPEC														
Nigeria	5,088	0	0	0	0	0	0	0	0	0	0	0	5,088	164
Venezuela	459	0	0	0	0	0	0	0	0	0	0	0	459	15
Subtotal Other OPEC	5,547	0	0	0	0	0	0	0	0	0	0	0	5,547	179
Other														
Canada	3,957	5,965	0	170	1	0	0	(s)	775	66	18	6,995	10,952	353
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,687	0	0	0	0	0	0	0	0	0	0	0	2,687	87
Norway	583	0	0	0	0	0	0	0	0	0	0	0	583	19
Oman	148	0	0	0	0	0	0	0	0	0	0	0	148	5
Peru	384	0	0	0	0	0	0	0	0	0	0	0	384	12
United Kingdom	966	0	0	0	0	0	0	0	0	0	0	0	966	31
Other Eastern Hemisphere	1,208	0	0	0	0	0	0	0	0	0	(s)	(s)	1,208	39
Subtotal Other	9,934	5,965	0	170	1	0	0	(s)	775	66	18	6,995	16,929	546
Total Imports	22,204	5,965	0	170	1	0	0	(s)	775	66	18	6,995	29,199	942
PAD District III														
Arab OPEC														
Algeria	2,615	0	0	0	0	0	0	0	0	0	0	0	2,615	84
Libya	8,601	0	0	0	0	0	0	0	0	0	0	0	8,601	277
Saudi Arabia	20,678	0	0	0	0	0	0	0	0	0	0	0	20,678	667
United Arab Emirates	825	0	0	0	0	0	0	0	0	0	0	0	825	27
Subtotal Arab OPEC	32,719	0	0	0	0	0	0	0	0	0	0	0	32,719	1,055
Other OPEC														
Gabon	496	0	0	0	0	0	0	0	0	0	0	0	496	16
Indonesia	2,101	0	0	0	0	0	0	0	0	0	0	0	2,101	68
Nigeria	13,724	0	0	0	0	0	0	0	0	0	0	0	13,724	443
Venezuela	1,957	0	0	0	0	0	0	0	0	0	0	0	1,957	63
Subtotal Other OPEC	18,277	0	0	0	0	0	0	0	0	0	0	0	18,277	590
Other														
Bahamas	0	0	0	0	0	0	0	229	0	0	0	229	229	7
Brazil	0	0	0	0	0	0	0	0	0	30	0	30	30	1
Congo	596	0	0	0	0	0	0	0	0	0	0	0	596	19
Egypt	414	0	0	0	0	0	0	0	0	0	0	0	414	13
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	161	0	0	0	0	0	0	0	0	0	0	0	161	5
Mexico	8,004	538	0	0	0	0	0	(s)	(s)	0	6	545	8,549	276
Netherlands Antilles	0	0	6	0	0	0	0	0	0	0	0	6	6	(s)
Norway	3,343	0	0	0	0	0	0	0	0	0	0	0	3,343	108
Oman	451	0	0	0	0	0	0	0	0	0	0	0	451	15
Puerto Rico	0	0	0	0	0	0	0	0	0	0	168	168	168	5
Romania	0	0	0	0	595	0	0	0	0	0	0	595	595	19
Syria	519	0	0	0	0	0	0	0	0	0	0	0	519	17
Trinidad and Tobago	2,130	0	0	0	0	0	0	0	0	39	94	133	2,263	73

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
United Kingdom	4,724	0	(s)	0	0	0	0	0	0	0	0	(s)	4,724	152
Virgin Islands	0	0	590	0	0	0	0	0	0	0	0	590	590	19
Other Western Hemisphere	0	0	115	0	0	0	0	0	0	0	0	115	115	4
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	18	0	18	18	1
Subtotal Other	20,341	538	710	0	595	0	0	229	(s)	87	268	2,428	22,769	734
Total Imports	71,337	538	710	0	595	0	0	229	(s)	87	268	2,428	73,765	2,380
	PAD District IV													
Other														
Canada	764	420	0	0	12	0	0	0	0	(s)	203	634	1,399	45
Subtotal Other	764	420	0	0	12	0	0	0	0	(s)	203	634	1,399	45
Total Imports	764	420	0	0	12	0	0	0	0	(s)	203	634	1,399	45
	PAD District V													
Other OPEC														
Indonesia	5,049	0	0	0	45	129	0	21	18	0	0	213	5,262	170
Subtotal Other OPEC	5,049	0	0	0	45	129	0	21	18	0	0	213	5,262	170
Other														
Australia	0	39	0	0	0	0	0	0	0	0	0	39	39	1
Brunei	0	0	0	0	(s)	0	0	7	7	0	0	15	15	(s)
Canada	648	435	0	20	0	0	0	0	0	14	30	498	1,146	37
Egypt	653	0	0	0	0	0	0	0	0	0	0	0	653	21
Malaysia	367	0	0	0	78	0	0	0	13	0	0	90	457	15
Mexico	0	0	0	(s)	(s)	0	0	14	0	0	0	14	14	(s)
Netherlands Antilles	0	0	0	0	0	5	0	0	0	0	0	5	5	(s)
People's Republic of China	0	0	0	0	521	0	0	0	0	0	0	521	521	17
Other Eastern Hemisphere	0	0	0	0	44	0	0	0	94	0	22	159	159	5
Subtotal Other	1,667	473	0	20	643	5	0	21	114	14	52	1,342	3,009	97
Total Imports	6,716	473	0	20	688	134	0	42	132	14	52	1,555	8,271	267

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Source	Crude Oil[1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products[2]	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	7,615	0	0	0	0	0	0	0	277	0	0	277	7,892	263
Libya	14,316	0	248	0	0	0	0	0	0	0	0	248	14,564	485
Qatar	508	0	0	0	0	0	0	0	0	0	0	0	508	17
Saudi Arabia	30,761	0	249	0	0	0	0	0	0	0	0	249	31,010	1,034
United Arab Emirates	2,035	0	0	0	0	0	0	0	0	0	0	0	2,035	68
Subtotal Arab OPEC	55,236	0	497	0	0	0	0	0	277	0	0	774	56,010	1,867
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	118	0	0	118	118	4
Gabon	552	0	0	0	0	0	0	0	0	0	0	0	552	18
Indonesia	7,288	0	408	0	203	0	0	17	1,288	0	0	1,917	9,205	307
Nigeria	24,356	0	0	0	0	0	0	0	0	0	0	0	24,356	812
Venezuela	3,830	0	0	0	0	277	0	59	2,932	0	0	3,269	7,099	237
Subtotal Other OPEC	36,027	0	408	0	203	277	0	77	4,338	0	0	5,304	41,330	1,378
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Bahamas	0	0	0	0	0	120	0	549	660	0	697	2,026	2,026	68
Brazil	358	0	0	0	0	0	0	0	0	0	0	0	358	12
Canada	4,231	5,809	2	412	315	1	(s)	(s)	1,212	110	282	8,144	12,375	412
Egypt	1,284	0	0	0	0	0	0	0	0	0	0	0	1,284	43
France	0	(s)	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	1,453	0	0	0	34	(s)	0	8	93	0	0	135	1,588	53
Mexico	11,937	600	0	0	(s)	0	0	6	0	6	1	612	12,549	418
Netherlands	1	0	0	247	1,200	89	0	0	0	66	0	1,603	1,604	53
Netherlands Antilles	0	0	181	0	0	640	0	0	5,111	0	0	5,931	5,931	198
Norway	1,145	0	213	0	0	0	0	0	0	0	0	213	1,358	45
Oman	1,219	0	0	0	0	0	0	0	0	0	0	0	1,219	41
People's Republic of China	0	0	0	0	355	0	0	0	0	0	0	355	355	12
Puerto Rico	0	0	247	0	567	0	0	0	99	0	295	1,208	1,208	40
Romania	0	0	0	0	330	0	0	0	0	0	0	330	330	11
Spain	6	0	0	0	0	0	0	0	0	0	0	0	6	(s)
Trinidad and Tobago	3,065	0	0	0	0	151	0	228	735	0	0	1,114	4,179	139
United Kingdom	12,061	0	0	0	0	0	0	0	0	0	(s)	(s)	12,061	402
Virgin Islands	0	0	1,225	0	1,705	373	50	2,616	4,990	0	0	10,958	10,958	365
Yugoslavia	0	0	243	0	0	0	0	0	0	0	0	243	243	8
Zaire	547	0	0	0	0	0	0	0	0	0	0	0	547	18
Other Western Hemisphere	0	0	0	0	0	0	0	0	0	15	0	15	15	(s)
Other Eastern Hemisphere	878	(s)	0	11	880	0	0	0	0	36	(s)	927	1,805	60
Subtotal Other	38,884	6,409	2,111	670	5,386	1,374	50	3,407	12,899	232	1,276	33,814	72,698	2,423
Total Imports	130,147	6,409	3,017	670	5,589	1,651	50	3,483	17,513	232	1,276	39,891	170,038	5,668

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1981 (Thousands of Barrels) (continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District I													
Arab OPEC														
Algeria	4,891	0	0	0	0	0	0	0	277	0	0	277	5,168	172
Libya	4,029	0	248	0	0	0	0	0	0	0	0	248	4,277	143
Saudi Arabia	8,899	0	0	0	0	0	0	0	0	0	0	0	8,899	297
Subtotal Arab OPEC	17,819	0	248	0	0	0	0	0	277	0	0	524	18,344	611
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	118	0	0	118	118	4
Gabon	552	0	0	0	0	0	0	0	0	0	0	0	552	18
Indonesia	1,619	0	0	0	0	0	0	0	631	0	0	631	2,250	75
Nigeria	5,331	0	0	0	0	0	0	0	0	0	0	0	5,331	178
Venezuela	1,398	0	0	0	0	235	0	59	2,932	0	0	3,227	4,625	154
Subtotal Other OPEC	8,900	0	0	0	0	235	0	59	3,681	0	0	3,976	12,876	429
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Bahamas	0	0	0	0	0	120	0	549	660	0	0	1,328	1,328	44
Canada	0	164	(s)	252	307	1	(s)	(s)	424	47	10	1,204	1,204	40
Egypt	487	0	0	0	0	0	0	0	0	0	0	0	487	16
France	0	(s)	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	690	0	0	0	0	0	0	0	0	0	0	0	690	23
Netherlands	1	0	0	247	1,200	89	0	0	0	0	0	1,536	1,537	51
Netherlands Antilles	0	0	181	0	0	640	0	0	5,111	0	0	5,931	5,931	198
Norway	0	0	213	0	0	0	0	0	0	0	0	213	213	7
Oman	240	0	0	0	0	0	0	0	0	0	0	0	240	8
Puerto Rico	0	0	247	0	567	0	0	0	99	0	295	1,208	1,208	40
Spain	3	0	0	0	0	0	0	0	0	0	0	0	3	(s)
Trinidad and Tobago	0	0	0	0	0	151	0	228	735	0	0	1,114	1,114	37
United Kingdom	2,394	0	0	0	0	0	0	0	0	0	(s)	(s)	2,395	80
Virgin Islands	0	0	345	0	1,705	140	50	2,518	4,990	0	0	9,748	9,748	325
Zaire	340	0	0	0	0	0	0	0	0	0	0	0	340	11
Other Eastern Hemisphere	878	0	0	0	870	0	0	0	0	(s)	(s)	871	1,749	58
Subtotal Other	5,733	164	986	500	4,649	1,140	50	3,295	12,017	47	305	23,153	28,886	963
Total Imports	32,452	164	1,234	500	4,649	1,375	50	3,354	15,975	47	305	27,653	60,105	2,004
	PAD District II													
Arab OPEC														
Algeria	977	0	0	0	0	0	0	0	0	0	0	0	977	33
Libya	1,682	0	0	0	0	0	0	0	0	0	0	0	1,682	56
Qatar	508	0	0	0	0	0	0	0	0	0	0	0	508	17
Saudi Arabia	537	0	0	0	0	0	0	0	0	0	0	0	537	18
United Arab Emirates	537	0	0	0	0	0	0	0	0	0	0	0	537	18
Subtotal Arab OPEC	4,241	0	0	0	0	0	0	0	0	0	0	0	4,241	141

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
								PAD District II						
Other OPEC														
Nigeria	2,460	0	0	0	0	0	0	0	0	0	0	0	2,460	82
Subtotal Other OPEC	2,460	0	0	0	0	0	0	0	0	0	0	0	2,460	82
Other														
Brazil	358	0	0	0	0	0	0	0	0	0	0	0	358	12
Canada	2,957	4,928	1	160	1	0	0	(s)	789	56	16	5,951	8,908	297
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	3,341	0	0	0	0	0	0	0	0	0	0	0	3,341	111
Oman	979	0	0	0	0	0	0	0	0	0	0	0	979	33
Trinidad and Tobago	887	0	0	0	0	0	0	0	0	0	0	0	887	30
United Kingdom	429	0	0	0	0	0	0	0	0	0	0	0	429	14
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Subtotal Other	8,951	4,928	1	160	1	0	0	(s)	789	56	16	5,951	14,902	497
Total Imports	15,652	4,928	1	160	1	0	0	(s)	789	56	16	5,951	21,603	720
								PAD District III						
Arab OPEC														
Algeria	1,159	0	0	0	0	0	0	0	0	0	0	0	1,159	39
Libya	8,605	0	0	0	0	0	0	0	0	0	0	0	8,605	287
Saudi Arabia	20,863	0	249	0	0	0	0	0	0	0	0	249	21,112	704
United Arab Emirates	885	0	0	0	0	0	0	0	0	0	0	0	885	29
Subtotal Arab OPEC	31,511	0	249	0	0	0	0	0	0	0	0	249	31,760	1,059
Other OPEC														
Indonesia	472	0	408	0	0	0	0	0	0	0	0	408	880	29
Nigeria	16,565	0	0	0	0	0	0	0	0	0	0	0	16,565	552
Venezuela	2,432	0	0	0	0	0	0	0	0	0	0	0	2,432	81
Subtotal Other OPEC	19,469	0	408	0	0	0	0	0	0	0	0	408	19,878	663
Other														
Bahamas	0	0	0	0	0	0	0	0	0	0	697	697	697	23
Egypt	797	0	0	0	0	0	0	0	0	0	0	0	797	27
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	7,906	600	0	0	0	0	0	(s)	0	0	1	601	8,507	284
Netherlands	0	0	0	0	0	0	0	0	0	66	0	66	66	2
Norway	1,145	0	0	0	0	0	0	0	0	0	0	0	1,145	38
Romania	0	0	0	0	330	0	0	0	0	0	0	330	330	11
Spain	3	0	0	0	0	0	0	0	0	0	0	0	3	(s)
Trinidad and Tobago	2,177	0	0	0	0	0	0	0	0	0	0	0	2,177	73
United Kingdom	9,238	0	0	0	0	0	0	0	0	0	0	0	9,238	308
Virgin Islands	0	0	880	0	0	233	0	98	0	0	0	1,211	1,211	40
Yugoslavia	0	0	243	0	0	0	0	0	0	0	0	243	243	8
Zaire	207	0	0	0	0	0	0	0	0	0	0	0	207	7
Other Western Hemisphere	0	0	0	0	0	0	0	0	0	15	0	15	15	(s)

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District III							
Other														
Other Eastern Hemisphere	0	0	0	11	0	0	0	0	0	35	0	46	46	2
Subtotal Other	21,473	600	1,124	11	330	233	0	98	0	116	698	3,209	24,682	823
Total Imports	72,453	600	1,781	11	330	233	0	98	0	116	698	3,867	76,320	2,544
							PAD District IV							
Other														
Canada	699	284	0	0	8	0	0	0	0	0	249	541	1,240	41
Subtotal Other	699	284	0	0	8	0	0	0	0	0	249	541	1,240	41
Total Imports	699	284	0	0	8	0	0	0	0	0	249	541	1,240	41
							PAD District V							
Arab OPEC														
Algeria	589	0	0	0	0	0	0	0	0	0	0	0	589	20
Saudi Arabia	463	0	0	0	0	0	0	0	0	0	0	0	463	15
United Arab Emirates	613	0	0	0	0	0	0	0	0	0	0	0	613	20
Subtotal Arab OPEC	1,665	0	0	0	0	0	0	0	0	0	0	0	1,665	55
Other OPEC														
Indonesia	5,197	0	0	0	203	0	0	17	657	0	0	878	6,075	202
Venezuela	0	0	0	0	0	42	0	0	0	0	0	42	42	1
Subtotal Other OPEC	5,197	0	0	0	203	42	0	17	657	0	0	919	6,117	204
Other														
Bahamas	0	0	0	0	0	1	0	(s)	0	0	0	1	1	(s)
Canada	575	433	0	0	0	0	0	(s)	0	7	7	448	1,023	34
Malaysia	1,453	0	0	0	34	(s)	0	8	93	0	0	135	1,588	53
Mexico	0	0	0	0	(s)	0	0	5	0	6	0	11	11	(s)
People's Republic of China	0	0	0	0	355	0	0	0	0	0	0	355	355	12
Other Eastern Hemisphere	0	(s)	0	0	9	0	0	0	0	0	(s)	9	9	(s)
Subtotal Other	2,028	433	0	0	399	1	0	14	93	13	7	960	2,988	100
Total Imports	8,890	433	0	0	602	43	0	31	750	13	7	1,880	10,770	359

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1981
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	11,011	278	0	0	0	0	0	253	650	0	0	1,180	12,192	393
Libya	13,537	0	0	0	0	0	0	0	191	0	0	191	13,728	443
Qatar	299	0	0	0	0	0	0	0	0	0	0	0	299	10
Saudi Arabia	28,661	0	0	266	0	0	0	0	0	0	0	266	28,927	933
United Arab Emirates	537	0	0	0	0	0	0	0	0	0	0	0	537	17
Subtotal Arab OPEC	54,045	278	0	266	0	0	0	253	841	0	0	1,638	55,683	1,796
Other OPEC														
Ecuador	1,720	0	0	0	0	0	0	0	616	0	0	616	2,335	75
Gabon	1,203	0	0	0	0	0	0	0	0	0	0	0	1,203	39
Indonesia	7,639	0	638	0	136	0	0	8	794	0	0	1,575	9,214	297
Nigeria	20,590	0	0	0	0	0	0	0	0	0	0	0	20,590	664
Venezuela	4,996	111	0	0	0	44	0	682	4,124	0	303	5,264	10,259	331
Subtotal Other OPEC	36,147	111	638	0	136	44	0	689	5,534	0	303	7,454	43,601	1,406
Other														
Angola	1,382	0	0	0	0	0	0	0	203	0	0	203	1,584	51
Australia	0	65	0	0	0	0	0	0	216	0	49	330	330	11
Bahamas	0	0	672	0	0	536	0	421	2,165	0	0	3,795	3,795	122
Brazil	370	0	0	0	0	0	0	0	0	27	0	27	397	13
Brunei	0	0	0	0	127	0	0	4	87	0	0	218	218	7
Canada	4,023	4,677	2	157	331	1	(s)	210	1,516	109	302	7,304	11,327	365
Egypt	2,249	0	0	0	0	0	0	0	0	0	0	0	2,249	73
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Liberia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Malaysia	899	0	0	0	1	0	0	56	49	0	0	106	1,004	32
Mexico	15,195	742	0	0	(s)	0	0	5	236	7	1	990	16,186	522
Netherlands	0	0	0	0	496	212	0	438	0	0	0	1,146	1,146	37
Netherlands Antilles	0	0	0	0	76	313	0	0	6,228	0	0	6,617	6,617	213
Norway	2,220	0	0	0	0	0	0	0	0	0	0	0	2,220	72
Oman	762	0	0	0	0	0	0	0	0	0	0	0	762	25
People's Republic of China	0	0	0	0	372	0	0	0	0	0	0	372	372	12
Peru	383	0	0	0	0	0	0	0	0	0	0	0	383	12
Puerto Rico	0	0	177	0	866	0	0	177	49	0	519	1,788	1,788	58
Romania	0	0	0	0	537	0	0	0	0	0	0	537	537	17
Trinidad and Tobago	2,517	0	0	0	0	70	0	0	367	0	298	736	3,253	105
United Kingdom	11,356	0	0	0	0	0	0	0	0	0	52	52	11,408	368
Virgin Islands	0	0	1,223	256	1,613	272	0	2,295	5,011	0	0	10,671	10,671	344
Other Western Hemisphere	0	0	0	0	0	0	0	193	141	35	0	368	368	12
Other Eastern Hemisphere	1,335	0	320	162	88	0	0	802	336	71	15	1,795	3,130	101
Subtotal Other	42,694	5,484	2,396	575	4,507	1,404	(s)	4,601	16,603	249	1,236	37,055	79,749	2,573
Total Imports	132,885	5,872	3,033	841	4,643	1,448	(s)	5,542	22,978	249	1,539	46,147	179,033	5,775

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1981 (Thousands of Barrels) (continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	2,985	278	0	0	0	0	0	253	650	0	0	1,180	4,165	134
Libya	2,603	0	0	0	0	0	0	0	191	0	0	191	2,794	90
Saudi Arabia	7,351	0	0	266	0	0	0	0	0	0	0	266	7,617	246
Subtotal Arab OPEC	12,939	278	0	266	0	0	0	253	841	0	0	1,638	14,577	470
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	616	0	0	616	616	20
Gabon	911	0	0	0	0	0	0	0	0	0	0	0	911	29
Indonesia	1,568	0	0	0	0	0	0	0	0	0	0	0	1,568	51
Nigeria	1,677	0	0	0	0	0	0	0	0	0	0	0	1,677	54
Venezuela	3,031	111	0	0	0	0	0	682	4,124	0	87	5,004	8,035	259
Subtotal Other OPEC	7,188	111	0	0	0	0	0	682	4,740	0	87	5,619	12,807	413
Other														
Angola	703	0	0	0	0	0	0	0	203	0	0	203	906	29
Australia	0	0	0	0	0	0	0	0	216	0	(s)	216	216	7
Bahamas	0	0	0	0	0	156	0	206	1,221	0	0	1,583	1,583	51
Brazil	370	0	0	0	0	0	0	0	0	0	0	0	370	12
Canada	233	182	1	0	269	1	(s)	210	458	38	46	1,205	1,438	46
Egypt	633	0	0	0	0	0	0	0	0	0	0	0	633	20
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Liberia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Mexico	3,109	0	0	0	0	0	0	0	236	0	0	236	3,345	108
Netherlands	0	0	0	0	496	0	0	438	0	0	0	934	934	30
Netherlands Antilles	0	0	0	0	76	313	0	0	6,228	0	0	6,617	6,617	213
Oman	529	0	0	0	0	0	0	0	0	0	0	0	529	17
Peru	383	0	0	0	0	0	0	0	0	0	0	0	383	12
Puerto Rico	0	0	177	0	699	0	0	177	49	0	446	1,547	1,547	50
Trinidad and Tobago	(s)	0	0	0	0	70	0	0	367	0	268	706	706	23
United Kingdom	1,987	0	0	0	0	0	0	0	0	0	52	52	2,038	66
Virgin Islands	0	0	125	0	1,613	0	0	2,295	5,011	0	0	9,044	9,044	292
Other Western Hemisphere	0	0	0	0	0	0	0	193	141	0	0	333	333	11
Other Eastern Hemisphere	0	0	0	162	0	0	0	798	239	0	(s)	1,199	1,199	39
Subtotal Other	7,949	182	303	162	3,153	540	(s)	4,316	14,368	38	812	23,874	31,823	1,027
Total Imports	28,075	571	303	428	3,153	540	(s)	5,250	19,949	38	899	31,132	59,207	1,910
							PAD District II							
Arab OPEC														
Algeria	2,308	0	0	0	0	0	0	0	0	0	0	0	2,308	74
Libya	264	0	0	0	0	0	0	0	0	0	0	0	264	9
Saudi Arabia	859	0	0	0	0	0	0	0	0	0	0	0	859	28
Subtotal Arab OPEC	3,432	0	0	0	0	0	0	0	0	0	0	0	3,432	111

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other OPEC														
Gabon	292	0	0	0	0	0	0	0	0	0	0	0	292	9
Nigeria	2,609	0	0	0	0	0	0	0	0	0	0	0	2,609	84
Subtotal Other OPEC	2,901	0	0	0	0	0	0	0	0	0	0	0	2,901	94
Other														
Canada	2,875	3,780	0	152	45	0	0	0	1,058	56	11	5,102	7,978	257
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	3,603	0	0	0	0	0	0	0	0	0	0	0	3,603	116
Norway	860	0	0	0	0	0	0	0	0	0	0	0	860	28
Oman	233	0	0	0	0	0	0	0	0	0	0	0	233	8
United Kingdom	546	0	0	0	0	0	0	0	0	0	0	0	546	18
Other Eastern Hemisphere	672	0	0	0	0	0	0	0	0	0	0	0	672	22
Subtotal Other	8,789	3,780	0	152	45	0	0	0	1,058	56	11	5,102	13,891	448
Total Imports	15,121	3,780	0	152	45	0	0	0	1,058	56	11	5,102	20,223	652
							PAD District III							
Arab OPEC														
Algeria	5,244	0	0	0	0	0	0	0	0	0	0	0	5,244	169
Libya	10,670	0	0	0	0	0	0	0	0	0	0	0	10,670	344
Qatar	299	0	0	0	0	0	0	0	0	0	0	0	299	10
Saudi Arabia	19,772	0	0	0	0	0	0	0	0	0	0	0	19,772	638
United Arab Emirates	537	0	0	0	0	0	0	0	0	0	0	0	537	17
Subtotal Arab OPEC	36,523	0	0	0	0	0	0	0	0	0	0	0	36,523	1,178
Other OPEC														
Ecuador	1,720	0	0	0	0	0	0	0	0	0	0	0	1,720	55
Indonesia	874	0	638	0	0	0	0	0	0	0	0	638	1,512	49
Nigeria	16,304	0	0	0	0	0	0	0	0	0	0	0	16,304	526
Venezuela	1,965	0	0	0	0	0	0	0	0	0	215	215	2,180	70
Subtotal Other OPEC	20,862	0	638	0	0	0	0	0	0	0	215	853	21,716	701
Other														
Angola	679	0	0	0	0	0	0	0	0	0	0	0	679	22
Bahamas	0	0	0	0	0	0	0	215	944	0	0	1,159	1,159	37
Brazil	0	0	0	0	0	0	0	0	0	27	0	27	27	1
Canada	0	(s)	2	0	0	0	0	0	0	0	0	2	2	(s)
Egypt	1,173	0	0	0	0	0	0	0	0	0	0	0	1,173	38
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	484	0	0	0	0	0	0	0	0	0	0	0	484	16
Mexico	7,981	742	0	0	0	0	0	1	0	0	1	743	8,724	281
Norway	1,361	0	0	0	0	0	0	0	0	0	0	0	1,361	44
Puerto Rico	0	0	0	0	0	0	0	0	0	0	73	73	73	2
Romania	0	0	0	0	537	0	0	0	0	0	0	537	537	17
Trinidad and Tobago	2,517	0	0	0	0	0	0	0	0	0	30	30	2,547	82
United Kingdom	8,824	0	0	0	0	0	0	0	0	0	0	0	8,824	285
Virgin Islands	0	0	1,099	256	0	0	0	0	0	0	0	1,355	1,355	44

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Other Western Hemisphere	0	0	0	0	0	0	0	0	0	35	0	35	35	1
Other Eastern Hemisphere	663	0	0	0	0	0	0	0	0	71	0	71	735	24
Subtotal Other	23,681	742	1,100	256	537	0	0	216	944	133	105	4,034	27,715	894
Total Imports	81,066	742	1,738	256	537	0	0	216	944	133	320	4,887	85,953	2,773
	PAD District IV													
Other														
Canada	307	247	0	0	16	0	0	(s)	0	0	227	491	797	26
Subtotal Other	307	247	0	0	16	0	0	(s)	0	0	227	491	797	26
Total Imports	307	247	0	0	16	0	0	(s)	0	0	227	491	797	26
	PAD District V													
Arab OPEC														
Algeria	474	0	0	0	0	0	0	0	0	0	0	0	474	15
Saudi Arabia	678	0	0	0	0	0	0	0	0	0	0	0	678	22
Subtotal Arab OPEC	1,152	0	0	0	0	0	0	0	0	0	0	0	1,152	37
Other OPEC														
Indonesia	5,196	0	0	0	136	0	0	8	794	0	0	937	6,134	198
Venezuela	0	0	0	0	0	44	0	0	0	0	0	44	44	1
Subtotal Other OPEC	5,196	0	0	0	136	44	0	8	794	0	0	982	6,178	199
Other														
Australia	0	65	0	0	0	0	0	0	0	0	49	114	114	4
Bahamas	0	0	672	0	0	380	0	0	0	0	0	1,053	1,053	34
Brunei	0	0	0	0	127	0	0	4	87	0	0	218	218	7
Canada	607	468	0	4	0	0	0	0	0	15	17	505	1,112	36
Egypt	443	0	0	0	0	0	0	0	0	0	0	0	443	14
Malaysia	414	0	0	0	1	0	0	56	49	0	0	106	520	17
Mexico	503	0	0	0	(s)	0	0	4	0	7	0	11	514	17
Netherlands	0	0	0	0	0	212	0	0	0	0	0	212	212	7
People's Republic of China	0	0	0	0	372	0	0	0	0	0	0	372	372	12
Puerto Rico	0	0	0	0	168	0	0	0	0	0	0	168	168	5
Virgin Islands	0	0	0	0	0	272	0	0	0	0	0	272	272	9
Other Eastern Hemisphere	0	0	320	0	88	0	0	4	97	0	15	525	525	17
Subtotal Other	1,968	533	993	4	755	864	0	69	233	22	81	3,554	5,522	178
Total Imports	8,316	533	993	4	891	908	0	76	1,027	22	81	4,536	12,852	415

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1981
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	8,810	0	0	0	0	0	0	817	1,067	0	0	1,884	10,695	356
Libya	11,395	0	0	0	0	0	0	0	0	0	0	0	11,395	380
Qatar	1,250	0	0	0	0	0	0	0	0	0	0	0	1,250	42
Saudi Arabia	25,471	481	0	0	0	0	0	0	0	0	0	481	25,953	865
United Arab Emirates	1,789	0	0	0	0	0	0	0	0	0	0	0	1,789	60
Subtotal Arab OPEC	48,715	481	0	0	0	0	0	817	1,067	0	0	2,366	51,081	1,703
Other OPEC														
Ecuador	1,337	0	0	0	0	0	0	0	120	0	0	120	1,457	49
Gabon	841	0	0	0	0	0	0	0	0	0	0	0	841	28
Indonesia	9,343	0	361	0	373	0	0	56	869	0	0	1,660	11,003	367
Nigeria	15,668	0	0	0	0	0	0	0	179	0	0	179	15,848	528
Venezuela	3,792	0	0	0	0	96	0	223	3,276	0	46	3,641	7,432	248
Subtotal Other OPEC	30,981	0	361	0	373	96	0	279	4,443	0	46	5,599	36,580	1,219
Other														
Angola	1,094	0	0	0	0	0	0	0	0	0	0	0	1,094	36
Bahamas	0	0	445	0	0	126	0	456	506	0	0	1,533	1,533	51
Brazil	0	0	0	19	0	0	0	0	0	0	20	39	39	1
Brunei	0	0	0	0	51	0	0	18	122	0	0	190	190	6
Canada	3,633	4,457	2	85	313	1	(s)	483	1,185	124	307	6,957	10,590	353
Egypt	1,053	0	0	0	0	0	0	0	0	0	0	0	1,053	35
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	145	0	0	145	145	5
Malaysia	2,456	0	0	0	0	0	0	0	0	0	0	0	2,456	82
Mexico	14,870	1,238	0	0	1	0	0	12	(s)	0	7	1,258	16,128	538
Netherlands	0	0	0	0	496	0	0	1,260	511	0	0	2,268	2,268	76
Netherlands Antilles	0	0	252	0	0	696	0	322	4,621	0	0	5,890	5,890	196
Norway	2,315	(s)	107	0	0	0	0	115	0	0	0	222	2,537	85
Oman	1,318	0	0	0	0	0	0	0	0	0	0	0	1,318	44
People's Republic of China	0	0	329	0	513	0	0	0	0	0	0	842	842	28
Peru	1,086	0	0	0	0	0	0	0	0	0	0	0	1,086	36
Puerto Rico	0	0	310	0	1,224	0	0	206	0	56	223	2,020	2,020	67
Trinidad and Tobago	2,232	0	230	0	285	201	0	239	518	0	22	1,495	3,727	124
United Kingdom	11,899	0	0	0	0	0	0	0	0	0	(s)	(s)	11,899	397
Virgin Islands	0	0	1,262	146	1,557	882	0	1,207	2,799	0	0	7,854	7,854	262
Zaire	164	0	0	0	0	0	0	0	0	0	0	0	164	5
Other Western Hemisphere	0	0	0	12	0	0	0	189	131	37	0	370	370	12
Other Eastern Hemisphere	0	0	0	74	764	52	0	1,143	164	0	(s)	2,197	2,197	73
Subtotal Other	42,122	5,695	2,937	337	5,204	1,957	(s)	5,650	10,702	217	580	33,279	75,400	2,513
Total Imports	121,818	6,176	3,298	337	5,577	2,053	(s)	6,746	16,211	217	626	41,243	163,061	5,435

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	2,940	0	0	0	0	0	0	817	1,067	0	0	1,884	4,824	161
Libya	2,842	0	0	0	0	0	0	0	0	0	0	0	2,842	95
Qatar	801	0	0	0	0	0	0	0	0	0	0	0	801	27
Saudi Arabia	6,828	0	0	0	0	0	0	0	0	0	0	0	6,828	228
Subtotal Arab OPEC	13,411	0	0	0	0	0	0	817	1,067	0	0	1,884	15,295	510
Other OPEC														
Ecuador	4	0	0	0	0	0	0	0	120	0	0	120	123	4
Gabon	841	0	0	0	0	0	0	0	0	0	0	0	841	28
Indonesia	1,762	0	0	0	0	0	0	0	0	0	0	0	1,762	59
Nigeria	5,571	0	0	0	0	0	0	0	0	0	0	0	5,571	186
Venezuela	2,344	0	0	0	0	0	0	0	3,276	0	46	3,322	5,666	189
Subtotal Other OPEC	10,521	0	0	0	0	0	0	0	3,395	0	46	3,442	13,963	465
Other														
Angola	701	0	0	0	0	0	0	0	0	0	0	0	701	23
Bahamas	0	0	445	0	0	0	0	456	506	0	0	1,407	1,407	47
Canada	204	259	1	0	299	1	(s)	478	436	32	179	1,684	1,888	63
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	145	0	0	145	145	5
Mexico	2,108	0	0	0	0	0	0	6	0	0	0	6	2,113	70
Netherlands	0	0	0	0	496	0	0	1,260	511	0	0	2,268	2,268	76
Netherlands Antilles	0	0	0	0	0	304	0	322	4,621	0	0	5,246	5,246	175
Norway	451	0	107	0	0	0	0	115	0	0	0	222	673	22
Oman	851	0	0	0	0	0	0	0	0	0	0	0	851	28
Puerto Rico	0	0	310	0	1,224	0	0	206	0	56	223	2,020	2,020	67
Trinidad and Tobago	419	0	0	0	103	0	0	220	518	0	0	841	1,260	42
United Kingdom	2,469	0	0	0	0	0	0	0	0	0	(s)	(s)	2,469	82
Virgin Islands	0	0	325	0	1,557	670	0	1,207	2,799	0	0	6,558	6,558	219
Other Western Hemisphere	0	0	0	0	0	0	0	189	131	0	0	320	320	11
Other Eastern Hemisphere	0	0	0	0	458	0	0	1,140	99	0	(s)	1,698	1,698	57
Subtotal Other	7,204	259	1,188	0	4,138	975	(s)	5,599	9,765	88	402	22,415	29,619	987
Total Imports	31,136	259	1,188	0	4,138	975	(s)	6,417	14,228	88	448	27,741	58,877	1,963
							PAD District II							
Arab OPEC														
Algeria	2,630	0	0	0	0	0	0	0	0	0	0	0	2,630	88
Libya	2,271	0	0	0	0	0	0	0	0	0	0	0	2,271	76
Saudi Arabia	1,146	0	0	0	0	0	0	0	0	0	0	0	1,146	38
United Arab Emirates	949	0	0	0	0	0	0	0	0	0	0	0	949	32
Subtotal Arab OPEC	6,995	0	0	0	0	0	0	0	0	0	0	0	6,995	233

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District II														
Other OPEC														
Nigeria	2,518	0	0	0	0	0	0	0	0	0	0	0	2,518	84
Subtotal Other OPEC	2,518	0	0	0	0	0	0	0	0	0	0	0	2,518	84
Other														
Canada	2,596	3,569	1	72	1	0	0	4	750	54	18	4,469	7,065	235
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,652	0	0	0	0	0	0	0	0	0	0	0	4,652	155
Norway	602	0	0	0	0	0	0	0	0	0	0	0	602	20
Oman	466	0	0	0	0	0	0	0	0	0	0	0	466	16
United Kingdom	509	0	0	0	0	0	0	0	0	0	0	0	509	17
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Subtotal Other	8,825	3,569	1	72	1	0	0	4	750	54	18	4,469	13,294	443
Total Imports	18,338	3,569	1	72	1	0	0	4	750	54	18	4,469	22,807	760
PAD District III														
Arab OPEC														
Algeria	2,614	0	0	0	0	0	0	0	0	0	0	0	2,614	87
Libya	6,282	0	0	0	0	0	0	0	0	0	0	0	6,282	209
Qatar	449	0	0	0	0	0	0	0	0	0	0	0	449	15
Saudi Arabia	16,633	481	0	0	0	0	0	0	0	0	0	481	17,115	570
United Arab Emirates	840	0	0	0	0	0	0	0	0	0	0	0	840	28
Subtotal Arab OPEC	26,819	481	0	0	0	0	0	0	0	0	0	481	27,300	910
Other OPEC														
Ecuador	1,333	0	0	0	0	0	0	0	0	0	0	0	1,333	44
Indonesia	917	0	361	0	0	0	0	0	0	0	0	361	1,279	43
Nigeria	7,580	0	0	0	0	0	0	0	179	0	0	179	7,759	259
Venezuela	1,447	0	0	0	0	0	0	223	0	0	0	223	1,671	56
Subtotal Other OPEC	11,278	0	361	0	0	0	0	223	179	0	0	764	12,041	401
Other														
Angola	393	0	0	0	0	0	0	0	0	0	0	0	393	13
Brazil	0	0	0	19	0	0	0	0	0	0	20	39	39	1
Canada	0	4	0	0	0	0	0	0	0	23	0	26	26	1
Egypt	601	0	0	0	0	0	0	0	0	0	0	0	601	20
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	8,110	1,238	0	0	(s)	0	0	1	(s)	0	7	1,246	9,356	312
Netherlands Antilles	0	0	252	0	0	0	0	0	0	0	0	252	252	8
Norway	1,262	(s)	0	0	0	0	0	0	0	0	0	(s)	1,262	42
Oman	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Peru	1,086	0	0	0	0	0	0	0	0	0	0	0	1,086	36
Trinidad and Tobago	1,813	0	0	0	0	0	0	0	0	0	22	22	1,836	61
United Kingdom	8,921	0	0	0	0	0	0	0	0	0	0	0	8,921	297
Virgin Islands	0	0	937	146	0	0	0	0	0	0	0	1,084	1,084	36
Zaire	164	0	0	0	0	0	0	0	0	0	0	0	164	5

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Other Western Hemisphere	0	0	0	12	0	0	0	0	0	37	0	50	50	2
Subtotal Other	22,351	1,241	1,189	178	(s)	0	0	1	(s)	60	49	2,718	25,069	836
Total Imports	60,447	1,723	1,551	178	(s)	0	0	224	179	60	49	3,963	64,411	2,147
							PAD District IV							
Other														
Canada	352	301	0	0	13	0	0	(s)	0	0	85	399	752	25
Subtotal Other	352	301	0	0	13	0	0	(s)	0	0	85	399	752	25
Total Imports	352	301	0	0	13	0	0	(s)	0	0	85	399	752	25
							PAD District V							
Arab OPEC														
Algeria	626	0	0	0	0	0	0	0	0	0	0	0	626	21
Saudi Arabia	864	0	0	0	0	0	0	0	0	0	0	0	864	29
Subtotal Arab OPEC	1,490	0	0	0	0	0	0	0	0	0	0	0	1,490	50
Other OPEC														
Indonesia	6,664	0	0	0	373	0	0	56	869	0	0	1,298	7,962	265
Venezuela	0	0	0	0	0	96	0	0	0	0	0	96	96	3
Subtotal Other OPEC	6,664	0	0	0	373	96	0	56	869	0	0	1,394	8,058	269
Other														
Bahamas	0	0	0	0	0	126	0	0	0	0	0	126	126	4
Brunei	0	0	0	0	51	0	0	18	122	0	0	190	190	6
Canada	481	324	0	13	0	0	0	0	0	16	25	378	859	29
Egypt	452	0	0	0	0	0	0	0	0	0	0	0	452	15
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	2,456	0	0	0	0	0	0	0	0	0	0	0	2,456	82
Mexico	0	0	0	0	1	0	0	6	0	0	0	7	7	(s)
Netherlands Antilles	0	0	0	0	0	392	0	0	0	0	0	392	392	13
People's Republic of China	0	0	329	0	513	0	0	0	0	0	0	842	842	28
Trinidad and Tobago	0	0	230	0	182	201	0	19	0	0	0	632	632	21
Virgin Islands	0	0	0	0	0	212	0	0	0	0	0	212	212	7
Other Eastern Hemisphere	0	0	0	74	306	52	0	3	65	0	(s)	500	500	17
Subtotal Other	3,389	324	559	87	1,052	983	0	45	186	16	26	3,277	6,667	222
Total Imports	11,543	324	559	87	1,426	1,079	0	101	1,055	16	26	4,671	16,215	540

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1981
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	8,584	226	0	0	0	0	0	231	1,284	0	0	1,742	10,325	333
Libya	7,790	0	0	0	0	0	0	0	0	0	0	0	7,790	251
Qatar	608	0	0	0	0	0	0	0	0	0	0	0	608	20
Saudi Arabia	32,352	916	0	0	0	0	0	0	0	0	0	916	33,268	1,073
United Arab Emirates	2,490	0	0	0	0	0	0	0	0	0	0	0	2,490	80
Subtotal Arab OPEC	51,824	1,142	0	0	0	0	0	231	1,284	0	0	2,658	54,481	1,757
Other OPEC														
Ecuador	1	0	0	0	0	0	0	0	366	0	0	366	367	12
Gabon	204	0	0	0	0	0	0	0	0	0	0	0	204	7
Indonesia	9,225	0	0	0	394	0	0	10	914	0	0	1,318	10,543	340
Nigeria	19,420	0	0	0	0	0	0	0	768	0	0	768	20,188	651
Venezuela	5,366	77	0	0	0	0	0	918	8,046	0	45	9,085	14,452	466
Subtotal Other OPEC	34,216	77	0	0	394	0	0	928	10,094	0	45	11,538	45,754	1,476
Other														
Angola	1,056	0	0	0	0	0	0	0	0	0	0	0	1,056	34
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	0	0	0	189	0	595	1,412	0	200	2,395	2,395	77
Brazil	1,293	0	0	0	0	0	0	0	145	0	0	145	1,438	46
Brunei	0	0	0	0	2	0	0	0	0	0	0	2	2	(s)
Canada	4,104	4,958	3	56	248	1	0	862	1,157	91	375	7,752	11,856	382
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	1,391	0	0	0	0	0	0	0	0	0	0	0	1,391	45
Mexico	10,591	414	0	0	(s)	0	0	8	816	0	76	1,315	11,906	384
Netherlands	0	0	0	0	847	220	0	371	0	0	0	1,437	1,437	46
Netherlands Antilles	0	0	0	0	0	450	0	162	5,960	0	0	6,572	6,572	212
Norway	4,016	0	220	0	0	0	0	244	0	0	0	464	4,480	145
Oman	624	0	0	0	0	0	0	0	0	0	0	0	624	20
People's Republic of China	0	0	0	0	682	0	0	0	0	0	0	682	682	22
Peru	797	0	0	0	0	0	0	0	207	0	0	207	1,004	32
Puerto Rico	0	0	153	0	616	0	0	665	0	0	116	1,550	1,550	50
Romania	0	0	0	0	160	0	0	0	0	0	0	160	160	5
Spain	0	0	0	0	0	0	0	229	0	0	0	229	229	7
Trinidad and Tobago	4,051	0	232	0	0	0	0	0	1,124	19	79	1,454	5,505	178
Tunisia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
United Kingdom	16,988	0	0	0	0	0	0	166	0	0	(s)	166	17,154	553
Virgin Islands	0	0	961	0	1,033	221	0	655	3,397	108	0	6,376	6,376	206
Zaire	798	0	0	0	0	0	0	0	0	0	0	0	798	26
Other Western Hemisphere	142	0	85	0	0	0	0	0	127	0	46	259	400	13
Other Eastern Hemisphere	1,271	(s)	0	501	692	0	0	423	2	35	130	1,783	3,054	99
Subtotal Other	47,122	5,373	1,653	558	4,281	1,081	0	4,380	14,348	254	1,022	32,949	80,071	2,583
Total Imports	133,162	6,591	1,653	558	4,676	1,081	0	5,539	25,726	254	1,067	47,145	180,306	5,816

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil[1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts[2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	2,461	226	0	0	0	0	0	231	1,284	0	0	1,742	4,202	136
Libya	4,228	0	0	0	0	0	0	0	0	0	0	0	4,228	136
Qatar	608	0	0	0	0	0	0	0	0	0	0	0	608	20
Saudi Arabia	8,002	389	0	0	0	0	0	0	0	0	0	389	8,391	271
Subtotal Arab OPEC	15,298	615	0	0	0	0	0	231	1,284	0	0	2,131	17,429	562
Other OPEC														
Ecuador	(s)	0	0	0	0	0	0	0	366	0	0	366	366	12
Gabon	204	0	0	0	0	0	0	0	0	0	0	0	204	7
Indonesia	1,978	0	0	0	0	0	0	0	0	0	0	0	1,978	64
Nigeria	7,385	0	0	0	0	0	0	0	768	0	0	768	8,153	263
Venezuela	2,297	77	0	0	0	0	0	697	7,387	0	45	8,206	10,503	339
Subtotal Other OPEC	11,865	77	0	0	0	0	0	697	8,521	0	45	9,340	21,205	684
Other														
Angola	697	0	0	0	0	0	0	0	0	0	0	0	697	22
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	0	0	0	180	0	595	590	0	0	1,364	1,364	44
Brazil	1,293	0	0	0	0	0	0	0	145	0	0	145	1,438	46
Canada	28	311	1	0	248	1	0	862	267	20	172	1,881	1,909	62
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,047	0	0	0	0	0	0	0	0	0	0	0	2,047	66
Netherlands	0	0	0	0	847	0	0	371	0	0	0	1,217	1,217	39
Netherlands Antilles	0	0	0	0	0	450	0	162	5,674	0	0	6,286	6,286	203
Norway	1,287	0	220	0	0	0	0	244	0	0	0	464	1,751	56
Oman	461	0	0	0	0	0	0	0	0	0	0	0	461	15
Peru	396	0	0	0	0	0	0	0	207	0	0	207	603	19
Puerto Rico	0	0	153	0	392	0	0	665	0	0	116	1,326	1,326	43
Romania	0	0	0	0	160	0	0	0	0	0	0	160	160	5
Spain	0	0	0	0	0	0	0	229	0	0	0	229	229	7
Trinidad and Tobago	495	0	0	0	0	0	0	0	1,124	0	0	1,124	1,619	52
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	1,903	0	0	0	0	0	0	166	0	0	(s)	166	2,069	67
Virgin Islands	0	0	413	0	1,033	221	0	473	3,397	0	0	5,537	5,537	179
Zaire	399	0	0	0	0	0	0	0	0	0	0	0	399	13
Other Western Hemisphere	0	0	0	0	0	0	0	0	127	0	0	127	127	4
Other Eastern Hemisphere	2	(s)	0	0	208	0	0	415	0	0	64	687	688	22
Subtotal Other	9,008	311	787	0	2,888	852	0	4,181	11,531	20	352	20,921	29,929	965
Total Imports	36,172	1,002	787	0	2,888	852	0	5,109	21,336	20	397	32,391	68,563	2,212
							PAD District II							
Arab OPEC														
Algeria	2,465	0	0	0	0	0	0	0	0	0	0	0	2,465	80
Libya	797	0	0	0	0	0	0	0	0	0	0	0	797	26
Saudi Arabia	2,971	0	0	0	0	0	0	0	0	0	0	0	2,971	96
Subtotal Arab OPEC	6,233	0	0	0	0	0	0	0	0	0	0	0	6,233	201

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other OPEC														
Indonesia	297	0	0	0	0	0	0	0	0	0	0	0	297	10
Nigeria	1,797	0	0	0	0	0	0	0	0	0	0	0	1,797	58
Subtotal Other OPEC	2,094	0	0	0	0	0	0	0	0	0	0	0	2,094	68
Other														
Canada	2,480	4,009	2	41	(s)	0	0	0	721	53	24	4,850	7,330	236
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	3,318	0	0	0	0	0	0	0	0	0	0	0	3,318	107
Oman	163	0	0	0	0	0	0	0	0	0	0	0	163	5
Trinidad and Tobago	897	0	0	0	0	0	0	0	0	0	0	0	897	29
United Kingdom	3,789	0	0	0	0	0	0	0	0	0	(s)	(s)	3,789	122
Other Western Hemisphere	142	0	0	0	0	0	0	0	0	0	0	0	142	5
Subtotal Other	10,789	4,009	2	41	(s)	0	0	0	721	53	24	4,850	15,639	504
Total Imports	19,116	4,009	2	41	(s)	0	0	0	721	53	24	4,850	23,966	773
							PAD District III							
Arab OPEC														
Algeria	3,658	0	0	0	0	0	0	0	0	0	0	0	3,658	118
Libya	2,765	0	0	0	0	0	0	0	0	0	0	0	2,765	89
Saudi Arabia	20,933	527	0	0	0	0	0	0	0	0	0	527	21,460	692
United Arab Emirates	2,044	0	0	0	0	0	0	0	0	0	0	0	2,044	66
Subtotal Arab OPEC	29,400	527	0	0	0	0	0	0	0	0	0	527	29,927	965
Other OPEC														
Ecuador	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Nigeria	10,238	0	0	0	0	0	0	0	0	0	0	0	10,238	330
Venezuela	3,069	0	0	0	0	0	0	221	659	0	0	879	3,948	127
Subtotal Other OPEC	13,307	0	0	0	0	0	0	221	659	0	0	879	14,187	458
Other														
Angola	359	0	0	0	0	0	0	0	0	0	0	0	359	12
Bahamas	0	0	0	0	0	0	0	0	822	0	200	1,022	1,022	33
Canada	0	0	0	0	0	0	0	0	169	0	0	169	169	5
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	5,226	414	0	0	0	0	0	1	816	0	76	1,307	6,533	211
Netherlands Antilles	0	0	0	0	0	0	0	0	287	0	0	287	287	9
Norway	2,729	0	0	0	0	0	0	0	0	0	0	0	2,729	88
Peru	400	0	0	0	0	0	0	0	0	0	0	0	400	13
Trinidad and Tobago	2,658	0	232	0	0	0	0	0	0	19	79	330	2,989	96
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	11,296	0	0	0	0	0	0	0	0	0	(s)	(s)	11,296	364
Virgin Islands	0	0	548	0	0	0	0	183	0	108	0	838	838	27
Zaire	399	0	0	0	0	0	0	0	0	0	0	0	399	13
Other Western Hemisphere	0	0	85	0	0	0	0	0	0	0	46	132	132	4

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Other Eastern Hemisphere	1,269	0	0	0	0	0	0	0	0	35	8	44	1,313	42
Subtotal Other	24,336	414	864	0	0	0	0	184	2,093	163	410	4,128	28,465	918
Total Imports	67,044	942	864	0	0	0	0	404	2,752	163	410	5,535	72,579	2,341
	PAD District IV													
Other														
Canada	915	297	0	0	0	0	0	(s)	0	0	179	475	1,390	45
Subtotal Other	915	297	0	0	0	0	0	(s)	0	0	179	475	1,390	45
Total Imports	915	297	0	0	0	0	0	(s)	0	0	179	475	1,390	45
	PAD District V													
Arab OPEC														
Saudi Arabia	446	0	0	0	0	0	0	0	0	0	0	0	446	14
United-Arab Emirates	446	0	0	0	0	0	0	0	0	0	0	0	446	14
Subtotal Arab OPEC	893	0	0	0	0	0	0	0	0	0	0	0	893	29
Other OPEC														
Indonesia	6,950	0	0	0	394	0	0	10	914	0	0	1,318	8,268	267
Subtotal Other OPEC	6,950	0	0	0	394	0	0	10	914	0	0	1,318	8,268	267
Other														
Bahamas	0	0	0	0	0	10	0	0	0	0	0	10	10	(s)
Brunei	0	0	0	0	2	0	0	0	0	0	0	2	2	(s)
Canada	682	342	0	15	0	0	0	0	0	18	0	376	1,058	34
Malaysia	1,391	0	0	0	0	0	0	0	0	0	0	0	1,391	45
Mexico	0	0	0	0	(s)	0	0	7	0	0	0	8	8	(s)
Netherlands	0	0	0	0	0	220	0	0	0	0	0	220	220	7
People's Republic of China	0	0	0	0	682	0	0	0	0	0	0	682	682	22
Puerto Rico	0	0	0	0	224	0	0	0	0	0	0	224	224	7
Other Eastern Hemisphere	0	0	0	501	484	0	0	8	2	0	58	1,053	1,053	34
Subtotal Other	2,074	342	0	517	1,393	229	0	15	2	18	58	2,575	4,648	150
Total Imports	9,916	342	0	517	1,788	229	0	25	916	18	58	3,893	13,809	445

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1981
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	8,671	0	0	0	0	0	0	232	1,890	0	0	2,121	10,792	348
Libya	8,507	0	0	0	0	0	0	0	0	0	0	0	8,507	274
Saudi Arabia	33,176	365	0	0	0	0	0	0	0	0	0	365	33,541	1,082
United Arab Emirates	1,888	0	0	0	0	0	0	0	0	0	0	0	1,888	61
Subtotal Arab OPEC	52,242	365	0	0	0	0	0	232	1,890	0	0	2,486	54,728	1,765
Other OPEC														
Ecuador	1,181	0	0	0	0	0	0	0	551	0	0	551	1,732	56
Gabon	879	0	0	0	0	0	0	0	0	0	0	0	879	28
Indonesia	9,798	476	0	0	360	3	0	142	892	0	0	1,873	11,672	377
Nigeria	9,167	0	0	0	0	126	0	0	655	0	0	781	9,948	321
Venezuela	6,243	0	1,594	0	0	373	0	1,738	6,210	0	41	9,955	16,199	523
Subtotal Other OPEC	27,269	476	1,594	0	360	501	0	1,880	8,309	0	41	13,161	40,431	1,304
Other														
Angola	1,386	0	0	0	0	0	0	0	0	0	0	0	1,386	45
Australia	0	38	0	0	0	0	0	0	0	0	(s)	38	38	1
Bahamas	0	0	720	0	0	168	0	915	334	0	0	2,136	2,136	69
Brazil	379	0	0	52	0	0	0	0	196	0	0	248	627	20
Brunei	0	123	0	0	32	0	0	3	11	0	0	168	168	5
Canada	4,750	4,498	2	167	289	(s)	0	369	1,223	101	325	6,974	11,724	378
Egypt	651	0	0	0	0	0	0	0	0	0	0	0	651	21
France	0	0	0	0	0	0	0	0	0	0	39	39	39	1
Ghana	0	0	149	0	0	0	0	0	0	0	0	149	149	5
Malaysia	765	0	0	0	0	0	0	0	0	0	0	0	765	25
Mexico	12,318	541	0	0	(s)	0	0	203	2,060	0	33	2,837	15,155	489
Netherlands	0	0	0	0	22	40	0	0	311	0	0	373	373	12
Netherlands Antilles	0	0	314	250	0	421	0	211	6,713	0	0	7,909	7,909	255
Norway	4,836	0	217	0	0	0	0	0	0	0	0	217	5,053	163
Oman	819	0	0	0	0	0	0	0	0	0	0	0	819	26
People's Republic of China	0	0	172	681	0	0	0	0	0	0	0	853	853	28
Peru	773	0	0	0	0	0	0	7	481	0	0	488	1,261	41
Puerto Rico	0	0	237	0	957	96	0	344	48	0	426	2,108	2,108	68
Trinidad and Tobago	3,198	0	173	0	0	0	0	0	429	0	0	602	3,800	123
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	18,345	0	0	0	0	0	0	0	0	0	13	13	18,358	592
Virgin Islands	0	0	821	0	1,182	212	336	1,030	2,131	0	0	5,711	5,711	184
Zaire	687	0	0	0	0	0	0	0	0	0	0	0	687	22
Other Western Hemisphere	0	0	0	0	0	0	0	0	1,206	29	0	1,235	1,235	40
Other Eastern Hemisphere	1,138	0	0	192	990	32	0	205	49	0	11	1,479	2,617	84
Subtotal Other	50,046	5,199	2,804	1,341	3,472	969	336	3,288	15,192	130	847	33,579	83,624	2,698
Total Imports	129,557	6,041	4,397	1,341	3,832	1,471	336	5,400	25,391	130	888	49,226	178,783	5,767

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1981 (Thousands of Barrels) (continued)

Source	Crude Oil[1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts[2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	3,562	0	0	0	0	0	0	232	1,890	0	0	2,121	5,684	183
Libya	2,578	0	0	0	0	0	0	0	0	0	0	0	2,578	83
Saudi Arabia	9,769	0	0	0	0	0	0	0	0	0	0	0	9,769	315
Subtotal Arab OPEC	15,910	0	0	0	0	0	0	232	1,890	0	0	2,121	18,031	582
Other OPEC														
Ecuador	295	0	0	0	0	0	0	0	312	0	0	312	607	20
Indonesia	1,855	0	0	0	0	0	0	0	0	0	0	0	1,855	60
Nigeria	869	0	0	0	0	0	0	0	325	0	0	325	1,194	39
Venezuela	2,998	0	246	0	0	0	0	1,738	5,761	0	41	7,787	10,785	348
Subtotal Other OPEC	6,017	0	246	0	0	0	0	1,738	6,398	0	41	8,424	14,441	466
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	469	0	0	49	0	710	334	0	0	1,563	1,563	50
Brazil	379	0	0	0	0	0	0	0	196	0	0	196	575	19
Canada	220	389	1	0	249	(s)	0	369	466	24	118	1,615	1,835	59
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,663	0	0	0	0	0	0	195	480	0	0	674	2,337	75
Netherlands	0	0	0	0	22	0	0	0	311	0	0	333	333	11
Netherlands Antilles	0	0	314	250	0	203	0	211	6,291	0	0	7,269	7,269	234
Norway	1,435	0	217	0	0	0	0	0	0	0	0	217	1,652	53
Oman	476	0	0	0	0	0	0	0	0	0	0	0	476	15
People's Republic of China	0	0	0	159	0	0	0	0	0	0	0	159	159	5
Peru	392	0	0	0	0	0	0	0	405	0	0	405	797	26
Puerto Rico	0	0	237	0	957	96	0	344	48	0	232	1,915	1,915	62
Trinidad and Tobago	905	0	0	0	0	0	0	0	429	0	0	429	1,334	43
United Kingdom	5,354	0	0	0	0	0	0	0	0	0	(s)	(s)	5,354	173
Virgin Islands	0	0	463	0	1,182	212	336	920	2,131	0	0	5,244	5,244	169
Zaire	354	0	0	0	0	0	0	0	0	0	0	0	354	11
Other Western Hemisphere	0	0	0	0	0	0	0	0	834	0	0	834	834	27
Other Eastern Hemisphere	0	0	0	192	700	0	0	205	0	0	(s)	1,097	1,097	35
Subtotal Other	11,875	389	1,700	600	3,110	561	336	2,954	11,925	24	350	21,950	33,825	1,091
Total Imports	33,802	389	1,947	600	3,110	561	336	4,924	20,213	24	391	32,495	66,297	2,139
							PAD District II							
Arab OPEC														
Algeria	1,369	0	0	0	0	0	0	0	0	0	0	0	1,369	44
Libya	1,621	0	0	0	0	0	0	0	0	0	0	0	1,621	52
Saudi Arabia	2,195	0	0	0	0	0	0	0	0	0	0	0	2,195	71
United Arab Emirates	266	0	0	0	0	0	0	0	0	0	0	0	266	9
Subtotal Arab OPEC	5,450	0	0	0	0	0	0	0	0	0	0	0	5,450	176

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District II													
Other OPEC														
Indonesia	275	0	0	0	0	0	0	0	0	0	0	0	275	9
Nigeria	3,455	0	0	0	0	0	0	0	0	0	0	0	3,455	111
Subtotal Other OPEC	3,730	0	0	0	0	0	0	0	0	0	0	0	3,730	120
Other														
Canada	3,171	3,361	1	155	2	0	0	0	749	61	22	4,351	7,522	243
Ghana	0	0	149	0	0	0	0	0	0	0	0	149	149	5
Mexico	2,341	0	0	0	0	0	0	0	0	0	0	0	2,341	76
Norway	903	0	0	0	0	0	0	0	0	0	0	0	903	29
Oman	343	0	0	0	0	0	0	0	0	0	0	0	343	11
United Kingdom	2,602	0	0	0	0	0	0	0	0	0	(s)	(s)	2,602	84
Other Eastern Hemisphere	660	0	0	0	0	0	0	0	0	0	0	0	660	21
Subtotal Other	10,020	3,361	150	155	2	0	0	0	749	61	22	4,500	14,520	468
Total Imports	19,200	3,361	150	155	2	0	0	0	749	61	22	4,500	23,700	765
	PAD District III													
Arab OPEC														
Algeria	3,133	0	0	0	0	0	0	0	0	0	0	0	3,133	101
Libya	4,309	0	0	0	0	0	0	0	0	0	0	0	4,309	139
Saudi Arabia	21,212	365	0	0	0	0	0	0	0	0	0	365	21,577	696
United Arab Emirates	1,622	0	0	0	0	0	0	0	0	0	0	0	1,622	52
Subtotal Arab OPEC	30,276	365	0	0	0	0	0	0	0	0	0	365	30,640	988
Other OPEC														
Ecuador	886	0	0	0	0	0	0	0	240	0	0	240	1,125	36
Gabon	879	0	0	0	0	0	0	0	0	0	0	0	879	28
Indonesia	621	476	0	0	0	0	0	0	0	0	0	476	1,098	35
Nigeria	4,844	0	0	0	0	0	0	0	330	0	0	330	5,174	167
Veneyuela	3,246	0	1,347 0			0	0	0	449	0	0	1,796	5,042	163
Subtotal Other OPEC	10,476	476	1,347	0	0	0	0	0	1,019	0	0	2,843	13,318	430
Other														
Angola	687	0	0	0	0	0	0	0	0	0	0	0	687	22
Bahamas	0	0	251	0	0	0	0	205	0	0	0	456	456	15
Brazil	0	0	0	52	0	0	0	0	0	0	0	52	52	2
Brunei	0	123	0	0	0	0	0	0	0	0	0	123	123	4
Egypt	651	0	0	0	0	0	0	0	0	0	0	0	651	21
France	0	0	0	0	0	0	0	0	0	0	39	39	39	1
Mexico	8,314	541	0	0	0	0	0	(s)	1,580	0	33	2,154	10,468	338
Netherlands Antilles	0	0	0	0	0	218	0	0	422	0	0	640	640	21
Norway	2,498	0	0	0	0	0	0	0	0	0	0	0	2,498	81
Peru	381	0	0	0	0	0	0	0	0	0	0	0	381	12
Puerto Rico	0	0	0	0	0	0	0	0	0	0	194	194	194	6
Trinidad and Tobago	2,293	0	0	0	0	0	0	0	0	0	0	0	2,293	74
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	10,390	0	0	0	0	0	0	0	0	0	13	13	10,403	336

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Virgin Islands	0	0	357	0	0	0	0	110	0	0	0	467	467	15
Zaire	333	0	0	0	0	0	0	0	0	0	0	0	333	11
Other Western Hemisphere	0	0	0	0	0	0	0	0	372	29	0	401	401	13
Other Eastern Hemisphere	477	0	0	0	0	0	0	0	0	0	11	11	488	16
Subtotal Other	26,026	664	608	52	0	218	0	315	2,374	29	289	4,550	30,576	986
Total Imports	66,777	1,505	1,955	52	0	218	0	315	3,393	29	289	7,757	74,534	2,404
	PAD District IV													
Other														
Canada	793	372	0	0	38	0	0	(s)	0	0	164	574	1,368	44
Subtotal Other	793	372	0	0	38	0	0	(s)	0	0	164	574	1,368	44
Total Imports	793	372	0	0	38	0	0	(s)	0	0	164	574	1,368	44
	PAD District V													
Arab OPEC														
Algeria	607	0	0	0	0	0	0	0	0	0	0	0	607	20
Subtotal Arab OPEC	607	0	0	0	0	0	0	0	0	0	0	0	607	20
Other OPEC														
Indonesia	7,047	0	0	0	360	3	0	142	892	0	0	1,397	8,444	272
Nigeria	0	0	0	0	0	126	0	0	0	0	0	126	126	4
Venezuela	0	0	0	0	0	373	0	0	0	0	0	373	373	12
Subtotal Other OPEC	7,047	0	0	0	360	501	0	142	892	0	0	1,895	8,942	288
Other														
Australia	0	38	0	0	0	0	0	0	0	0	0	38	38	1
Bahamas	0	0	0	0	0	118	0	0	0	0	0	118	118	4
Brunei	0	0	0	0	32	0	0	3	11	0	0	45	45	1
Canada	566	375	0	11	0	0	0	(s)	8	16	22	433	1,000	32
Malaysia	765	0	0	0	0	0	0	0	0	0	0	0	765	25
Mexico	0	0	0	0	(s)	0	0	8	0	0	(s)	8	8	(s)
Netherlands	0	0	0	0	0	40	0	0	0	0	0	40	40	1
People's Republic of China	0	0	172	522	0	0	0	0	0	0	0	694	694	22
Peru	0	0	0	0	0	0	0	7	76	0	0	83	83	3
Trinidad and Tobago	0	0	173	0	0	0	0	0	0	0	0	173	173	6
Other Eastern Hemisphere	0	0	0	0	290	32	0	0	49	0	(s)	371	371	12
Subtotal Other	1,332	413	345	533	322	190	0	19	143	16	22	2,004	3,336	108
Total Imports	8,985	413	345	533	682	692	0	161	1,035	16	22	3,900	12,884	416

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1981
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	7,659	0	0	0	0	0	0	0	2,408	0	0	2,408	10,068	336
Libya	4,610	0	0	0	0	0	0	0	0	0	0	0	4,610	154
Saudi Arabia	43,649	671	0	0	0	0	0	0	0	0	0	671	44,319	1,477
United Arab Emirates	2,885	0	0	0	0	0	0	0	0	0	0	0	2,885	96
Subtotal Arab OPEC	58,803	671	0	0	0	0	0	0	2,408	0	0	3,079	61,882	2,063
Other OPEC														
Ecuador	1,496	0	0	0	0	0	0	0	360	0	0	360	1,856	62
Gabon	2,612	0	0	0	0	0	0	0	0	0	0	0	2,612	87
Indonesia	9,913	0	0	0	312	0	0	19	881	0	0	1,212	11,125	371
Nigeria	9,100	0	172	0	(s)	0	0	0	403	0	0	575	9,675	323
Venezuela	5,091	0	726	0	0	0	0	427	4,413	0	127	5,693	10,784	359
Subtotal Other OPEC	28,212	0	898	0	312	0	0	446	6,056	0	127	7,840	36,052	1,202
Other														
Angola	2,150	0	0	0	0	0	0	0	273	0	0	273	2,423	81
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	62	473	0	0	362	0	460	1,980	0	0	3,336	3,336	111
Brazil	383	0	0	0	0	0	0	0	306	0	0	306	689	23
Brunei	0	0	0	0	127	0	0	2	178	0	0	307	307	10
Canada	4,912	4,164	3	141	604	1	0	932	1,469	128	336	7,777	12,689	423
Egypt	1,192	0	0	0	0	0	0	0	0	0	0	0	1,192	40
France	0	90	235	79	0	0	0	2	0	0	(s)	406	406	14
Malaysia	448	0	0	0	61	0	0	0	51	0	0	111	559	19
Mexico	16,852	993	308	0	(s)	0	0	70	3,020	0	1	4,392	21,244	708
Netherlands	0	(s)	0	0	652	0	0	0	0	0	(s)	652	652	22
Netherlands Antilles	0	0	251	0	0	833	0	0	3,815	0	0	4,900	4,900	163
Norway	4,354	0	0	74	0	0	0	0	0	0	0	74	4,428	148
Oman	414	0	0	0	0	0	0	0	0	0	0	0	414	14
People's Republic of China	0	0	174	0	647	0	0	0	0	0	0	821	821	27
Peru	781	0	0	0	22	0	0	0	4	0	0	27	807	27
Puerto Rico	0	0	399	0	676	99	0	613	150	0	224	2,162	2,162	72
Romania	0	0	187	0	266	0	0	0	0	0	0	453	453	15
Syria	584	0	0	0	0	0	0	0	0	0	0	0	584	19
Trinidad and Tobago	4,157	0	209	0	191	0	0	0	463	21	15	898	5,055	169
Tunisia	1,943	0	0	0	0	0	0	0	0	0	0	0	1,943	65
United Kingdom	15,442	0	0	193	0	0	0	0	175	21	22	410	15,852	528
Virgin Islands	0	0	1,464	0	1,294	0	268	1,347	3,466	106	0	7,945	7,945	265
Zaire	506	0	0	0	0	0	0	0	0	0	0	0	506	17
Other Western Hemisphere	0	0	133	46	0	0	0	0	1,350	0	0	1,529	1,529	51
Other Eastern Hemisphere	1,080	(s)	139	268	222	71	0	0	71	8	248	1,028	2,108	70
Subtotal Other	55,198	5,309	3,974	801	4,762	1,366	268	3,426	16,772	284	846	37,807	93,005	3,100
Total Imports	142,213	5,979	4,872	801	5,074	1,366	268	3,872	25,236	284	974	48,726	190,939	6,365

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1981 (Thousands of Barrels) (continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1,656	0	0	0	0	0	0	0	2,408	0	0	2,408	4,064	135
Libya	1,799	0	0	0	0	0	0	0	0	0	0	0	1,799	60
Saudi Arabia	10,826	204	0	0	0	0	0	0	0	0	0	204	11,030	368
United Arab Emirates	160	0	0	0	0	0	0	0	0	0	0	0	160	5
Subtotal Arab OPEC	14,441	204	0	0	0	0	0	0	2,408	0	0	2,613	17,054	568
Other OPEC														
Ecuador	487	0	0	0	0	0	0	0	360	0	0	360	847	28
Gabon	651	0	0	0	0	0	0	0	0	0	0	0	651	22
Indonesia	2,194	0	0	0	0	0	0	0	0	0	0	0	2,194	73
Nigeria	2,793	0	0	0	(s)	0	0	0	403	0	0	403	3,195	107
Venezuela	2,385	0	327	0	0	0	0	427	4,243	0	127	5,124	7,509	250
Subtotal Other OPEC	8,510	0	327	0	(s)	0	0	427	5,006	0	127	5,887	14,397	480
Other														
Angola	704	0	0	0	0	0	0	0	273	0	0	273	977	33
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	62	473	0	0	0	0	460	1,395	0	0	2,389	2,389	80
Brazil	383	0	0	0	0	0	0	0	306	0	0	306	689	23
Canada	0	290	1	0	558	1	0	932	557	52	151	2,540	2,540	85
France	0	90	0	79	0	0	0	0	0	0	(s)	169	169	6
Mexico	1,011	0	0	0	0	0	0	19	2,177	0	0	2,196	3,207	107
Netherlands	0	0	0	0	652	0	0	0	0	0	(s)	652	652	22
Netherlands Antilles	0	0	251	0	0	699	0	0	3,815	0	0	4,766	4,766	159
Norway	2,213	0	0	0	0	0	0	0	0	0	0	0	2,213	74
Oman	160	0	0	0	0	0	0	0	0	0	0	0	160	5
Peru	400	0	0	0	0	0	0	0	0	0	0	0	400	13
Puerto Rico	0	0	399	0	676	99	0	613	150	0	172	2,109	2,109	70
Romania	0	0	187	0	0	0	0	0	0	0	0	187	187	6
Trinidad and Tobago	911	0	0	0	191	0	0	0	274	21	15	501	1,412	47
Tunisia	1,444	0	0	0	0	0	0	0	0	0	0	0	1,444	48
United Kingdom	3,682	0	0	0	0	0	0	0	175	21	(s)	196	3,878	129
Virgin Islands	0	0	258	0	1,294	0	268	1,113	3,466	0	0	6,398	6,398	213
Zaire	506	0	0	0	0	0	0	0	0	0	0	0	506	17
Other Western Hemisphere	0	0	47	0	0	0	0	0	1,350	0	0	1,397	1,397	47
Other Eastern Hemisphere	0	(s)	139	68	222	0	0	0	0	8	52	490	490	16
Subtotal Other	11,416	442	1,754	148	3,593	799	268	3,136	13,938	102	389	24,569	35,984	1,199
Total Imports	34,366	646	2,080	148	3,593	799	268	3,563	21,352	102	517	33,068	67,435	2,248
							PAD District II							
Arab OPEC														
Algeria	1,921	0	0	0	0	0	0	0	0	0	0	0	1,921	64
Libya	123	0	0	0	0	0	0	0	0	0	0	0	123	4
Saudi Arabia	3,492	0	0	0	0	0	0	0	0	0	0	0	3,492	116
United Arab Emirates	972	0	0	0	0	0	0	0	0	0	0	0	972	32
Subtotal Arab OPEC	6,508	0	0	0	0	0	0	0	0	0	0	0	6,508	217

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts [2]	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
	PAD District II													
Other OPEC														
Nigeria	1,152	0	0	0	0	0	0	0	0	0	0	0	1,152	38
Subtotal Other OPEC	1,152	0	0	0	0	0	0	0	0	0	0	0	1,152	38
Other														
Canada	3,349	3,196	2	130	1	0	0	0	751	62	14	4,156	7,505	250
Mexico	3,359	0	0	0	0	0	0	0	0	0	0	0	3,359	112
Norway	935	0	0	0	0	0	0	0	0	0	0	0	935	31
Oman	254	0	0	0	0	0	0	0	0	0	0	0	254	8
United Kingdom	4,498	0	0	0	0	0	0	0	0	0	0	0	4,498	150
Other Eastern Hemisphere	1,080	0	0	0	0	0	0	0	0	0	0	0	1,080	36
Subtotal Other	13,474	3,196	2	130	1	0	0	0	751	62	14	4,156	17,630	588
Total Imports	21,134	3,196	2	130	1	0	0	0	751	62	14	4,156	25,290	843
	PAD District III													
Arab OPEC														
Algeria	3,255	0	0	0	0	0	0	0	0	0	0	0	3,255	108
Libya	2,092	0	0	0	0	0	0	0	0	0	0	0	2,092	70
Saudi Arabia	28,221	467	0	0	0	0	0	0	0	0	0	467	28,688	956
United Arab Emirates	1,753	0	0	0	0	0	0	0	0	0	0	0	1,753	58
Subtotal Arab OPEC	35,321	467	0	0	0	0	0	0	0	0	0	467	35,787	1,193
Other OPEC														
Ecuador	563	0	0	0	0	0	0	0	0	0	0	0	563	19
Gabon	1,961	0	0	0	0	0	0	0	0	0	0	0	1,961	65
Indonesia	1,874	0	0	0	0	0	0	0	0	0	0	0	1,874	62
Nigeria	5,054	0	172	0	0	0	0	0	0	0	0	172	5,225	174
Venezuela	2,705	0	399	0	0	0	0	0	170	0	0	569	3,274	109
Subtotal Other OPEC	12,158	0	571	0	0	0	0	0	170	0	0	741	12,898	430
Other														
Angola	1,446	0	0	0	0	0	0	0	0	0	0	0	1,446	48
Bahamas	0	0	0	0	0	0	0	0	585	0	0	585	585	19
Egypt	1,192	0	0	0	0	0	0	0	0	0	0	0	1,192	40
France	0	0	235	0	0	0	0	2	0	0	(s)	237	237	8
Malaysia	438	0	0	0	0	0	0	0	0	0	0	0	438	15
Mexico	12,482	993	308	0	0	0	0	41	844	0	1	2,186	14,668	489
Norway	1,206	0	0	74	0	0	0	0	0	0	0	74	1,280	43
Peru	381	0	0	0	0	0	0	0	0	0	0	0	381	13
Puerto Rico	0	0	0	0	0	0	0	0	0	0	53	53	53	2
Romania	0	0	0	0	266	0	0	0	0	0	0	266	266	9
Syria	584	0	0	0	0	0	0	0	0	0	0	0	584	19
Trinidad and Tobago	2,772	0	209	0	0	0	0	0	189	0	0	397	3,170	106
Tunisia	498	0	0	0	0	0	0	0	0	0	0	0	498	17
United Kingdom	6,801	0	0	193	0	0	0	0	0	0	22	215	7,016	234
Virgin Islands	0	0	1,206	0	0	0	0	235	0	106	0	1,547	1,547	52

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	PAD District III													
Other														
Other Western Hemisphere	0	0	87	46	0	0	0	0	0	0	0	132	132	4
Other Eastern Hemisphere	(s)	0	0	200	0	0	0	0	0	0	150	349	349	12
Subtotal Other	27,801	993	2,044	512	266	0	0	278	1,617	106	225	6,041	33,842	1,128
Total Imports	75,279	1,459	2,615	512	266	0	0	278	1,787	106	225	7,248	82,527	2,751
	PAD District IV													
Other														
Canada	1,025	385	0	0	44	0	0	(s)	0	0	139	570	1,595	53
Subtotal Other	1,025	385	0	0	44	0	0	(s)	0	0	139	570	1,595	53
Total Imports	1,025	385	0	0	44	0	0	(s)	0	0	139	570	1,595	53
	PAD District V													
Arab OPEC														
Algeria	827	0	0	0	0	0	0	0	0	0	0	0	827	28
Libya	596	0	0	0	0	0	0	0	0	0	0	0	596	20
Saudi Arabia	1,110	0	0	0	0	0	0	0	0	0	0	0	1,110	37
Subtotal Arab OPEC	2,533	0	0	0	0	0	0	0	0	0	0	0	2,533	84
Other OPEC														
Ecuador	446	0	0	0	0	0	0	0	0	0	0	0	446	15
Indonesia	5,844	0	0	0	312	0	0	19	881	0	0	1,212	7,057	235
Nigeria	102	0	0	0	0	0	0	0	0	0	0	0	102	3
Subtotal Other OPEC	6,393	0	0	0	312	0	0	19	881	0	0	1,212	7,605	253
Other														
Bahamas	0	0	0	0	0	362	0	0	0	0	0	362	362	12
Brunei	0	0	0	0	127	0	0	2	178	0	0	307	307	10
Canada	538	293	0	11	0	0	0	0	161	14	32	511	1,049	35
Malaysia	10	0	0	0	61	0	0	0	51	0	0	111	121	4
Mexico	0	0	0	0	(s)	0	0	10	0	0	0	10	10	(s)
Netherlands	0	(s)	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Netherlands Antilles	0	0	0	0	0	134	0	0	0	0	0	134	134	4
People's Republic of China	0	0	174	0	647	0	0	0	0	0	0	821	821	27
Peru	0	0	0	0	22	0	0	0	4	0	0	27	27	1
Trinidad and Tobago	473	0	0	0	0	0	0	0	0	0	0	0	473	16
United Kingdom	461	0	0	0	0	0	0	0	0	0	0	0	461	15
Other Eastern Hemisphere	0	0	0	0	0	71	0	0	71	0	47	189	189	6
Subtotal Other	1,482	293	174	11	856	567	0	12	466	14	79	2,472	3,954	132
Total Imports	10,408	293	174	11	1,169	567	0	31	1,347	14	79	3,684	14,092	470

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1981
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	5,835	132	0	0	0	0	0	0	1,525	0	0	1,656	7,492	242
Libya	4,221	0	0	0	0	0	0	0	0	0	325	325	4,546	147
Saudi Arabia	40,479	1,107	0	0	0	0	0	0	5	0	0	1,112	41,591	1,342
United Arab Emirates	2,294	0	198	0	0	0	0	0	0	0	306	504	2,798	90
Subtotal Arab OPEC	52,828	1,239	198	0	0	0	0	0	1,530	0	631	3,598	56,426	1,820
Other OPEC														
Ecuador	3,457	0	0	0	0	0	0	0	255	0	0	255	3,712	120
Gabon	1,625	0	0	0	0	0	0	0	0	0	0	0	1,625	52
Indonesia	11,704	0	0	0	205	0	0	65	1,248	0	0	1,518	13,222	427
Nigeria	12,773	0	0	0	0	0	0	0	0	0	0	0	12,773	412
Venezuela	4,056	0	281	0	0	0	0	48	7,629	0	48	8,007	12,062	389
Subtotal Other OPEC	33,615	0	281	0	205	0	0	113	9,133	0	48	9,781	43,395	1,400
Other														
Angola	1,997	0	0	0	0	0	0	0	309	0	0	309	2,307	74
Australia	0	355	373	0	0	0	0	0	191	0	92	1,011	1,011	33
Bahamas	0	0	678	0	0	206	0	447	389	0	241	1,960	1,960	63
Brazil	367	0	0	0	0	0	0	0	322	30	0	352	720	23
Brunei	0	0	0	0	35	0	0	3	10	0	0	48	48	2
Canada	5,368	6,537	95	162	330	1	0	247	772	145	272	8,563	13,932	449
Egypt	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
France	0	114	84	0	0	0	0	0	0	0	21	218	218	7
Ghana	0	0	0	0	0	0	0	0	290	0	0	290	290	9
Malaysia	1,149	0	0	0	99	0	0	0	27	0	0	126	1,275	41
Mexico	18,322	587	0	0	(s)	0	0	29	1,784	0	3	2,403	20,725	669
Netherlands	0	0	0	0	0	0	0	0	0	0	1	1	1	(s)
Netherlands Antilles	0	0	0	0	0	227	0	358	4,403	0	0	4,988	4,988	161
Norway	2,675	0	224	0	0	0	0	0	0	0	0	224	2,899	94
Oman	844	0	0	0	0	0	0	0	0	0	0	0	844	27
People's Republic of China	0	0	0	0	610	0	0	0	0	0	0	610	610	20
Peru	1,660	0	0	0	0	0	0	10	0	0	0	10	1,670	54
Puerto Rico	0	0	259	0	822	0	0	479	0	0	292	1,852	1,852	60
Trinidad and Tobago	2,826	0	0	0	0	0	0	0	890	0	49	939	3,764	121
Tunisia	1,393	0	0	0	0	0	0	0	0	0	0	0	1,393	45
United Kingdom	10,812	68	0	0	0	2	0	0	0	0	(s)	70	10,882	351
Virgin Islands	0	0	1,109	0	2,170	0	196	1,992	3,939	0	0	9,407	9,407	303
Zaire	750	0	0	0	0	0	0	0	0	0	0	0	750	24
Other Western Hemisphere	133	0	305	56	0	0	0	0	315	37	0	714	847	27
Other Eastern Hemisphere	1,048	0	655	450	286	0	0	0	48	0	38	1,476	2,524	81
Subtotal Other	49,347	7,661	3,782	668	4,352	435	196	3,565	13,690	212	1,008	35,570	84,917	2,739
Total Imports	135,791	8,900	4,261	668	4,557	435	196	3,678	24,353	212	1,687	48,948	184,739	5,959

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1981 (Thousands of Barrels) (continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District I													
Arab OPEC														
Algeria	2,036	132	0	0	0	0	0	0	1,525	0	0	1,656	3,692	119
Libya	1,375	0	0	0	0	0	0	0	0	0	0	0	1,375	44
Saudi Arabia	10,230	184	0	0	0	0	0	0	5	0	0	189	10,419	336
United Arab Emirates	0	0	0	0	0	0	0	0	0	0	306	306	306	10
Subtotal Arab OPEC	13,641	316	0	0	0	0	0	0	1,530	0	306	2,151	15,792	509
Other OPEC														
Ecuador	601	0	0	0	0	0	0	0	255	0	0	255	857	28
Gabon	954	0	0	0	0	0	0	0	0	0	0	0	954	31
Indonesia	1,674	0	0	0	0	0	0	0	412	0	0	412	2,086	67
Nigeria	5,182	0	0	0	0	0	0	0	0	0	0	0	5,182	167
Venezuela	2,495	0	0	0	0	0	0	48	7,309	0	0	7,357	9,853	318
Subtotal Other OPEC	10,907	0	0	0	0	0	0	48	7,977	0	0	8,025	18,932	611
Other														
Angola	1,309	0	0	0	0	0	0	0	309	0	0	309	1,618	52
Australia	0	0	0	0	0	0	0	0	191	0	0	191	191	6
Bahamas	0	0	678	0	0	0	0	239	389	0	0	1,305	1,305	42
Brazil	367	0	0	0	0	0	0	0	322	0	0	322	690	22
Canada	0	324	47	0	269	1	0	247	497	16	71	1,471	1,471	47
France	0	0	84	0	0	0	0	0	0	0	21	105	105	3
Ghana	0	0	0	0	0	0	0	0	290	0	0	290	290	9
Mexico	1,913	0	0	0	0	0	0	0	680	0	0	680	2,592	84
Netherlands	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Netherlands Antilles	0	0	0	0	0	227	0	358	4,403	0	0	4,988	4,988	161
Norway	1,663	0	224	0	0	0	0	0	0	0	0	224	1,887	61
Oman	296	0	0	0	0	0	0	0	0	0	0	0	296	10
Peru	401	0	0	0	0	0	0	0	0	0	0	0	401	13
Puerto Rico	0	0	259	0	822	0	0	479	0	0	142	1,702	1,702	55
Trinidad and Tobago	437	0	0	0	0	0	0	0	551	0	0	551	988	32
Tunisia	438	0	0	0	0	0	0	0	0	0	0	0	438	14
United Kingdom	3,743	68	0	0	0	2	0	0	0	0	(s)	70	3,813	123
Virgin Islands	0	0	272	0	2,170	0	196	1,992	3,939	0	0	8,569	8,569	276
Zaire	470	0	0	0	0	0	0	0	0	0	0	0	470	15
Other Western Hemisphere	0	0	267	0	0	0	0	0	315	0	0	582	582	19
Other Eastern Hemisphere	0	0	440	450	247	0	0	0	0	0	(s)	1,137	1,137	37
Subtotal Other	11,036	393	2,270	450	3,508	229	196	3,314	11,886	16	234	22,496	33,532	1,082
Total Imports	35,584	708	2,270	450	3,508	229	196	3,363	21,392	16	540	32,672	68,256	2,202
	PAD District II													
Arab OPEC														
Algeria	936	0	0	0	0	0	0	0	0	0	0	0	936	30
Libya	462	0	0	0	0	0	0	0	0	0	0	0	462	15
Saudi Arabia	3,711	0	0	0	0	0	0	0	0	0	0	0	3,711	120
Subtotal Arab OPEC	5,110	0	0	0	0	0	0	0	0	0	0	0	5,110	165

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1981
(Thousands of Barrels)

(continued)

Source	Crude Oil[1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil Fuel Oil	Resid Fuel Oil	Special Naphthas	Other Products[2]	Total Products	Total Petroleum	Total (Daily Average)
PAD District II														
Other OPEC														
Nigeria	3,241	0	0	0	0	0	0	0	0	0	0	0	3,241	105
Subtotal Other OPEC	3,241	0	0	0	0	0	0	0	0	0	0	0	3,241	105
Other														
Canada	4,011	5,206	49	143	1	0	0	0	276	51	23	5,748	9,759	315
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,801	0	0	0	0	0	0	0	0	0	0	0	1,801	58
Netherlands	0	0	0	0	0	0	0	0	0	0	1	1	1	(s)
Norway	380	0	0	0	0	0	0	0	0	0	0	0	380	12
Trinidad and Tobago	948	0	0	0	0	0	0	0	0	0	0	0	948	31
United Kingdom	2,414	0	0	0	0	0	0	0	0	0	0	0	2,414	78
Other Eastern Hemisphere	554	0	0	0	0	0	0	0	0	0	0	0	554	18
Subtotal Other	10,108	5,206	49	143	1	0	0	0	276	51	24	5,749	15,857	512
Total Imports	18,458	5,206	49	143	1	0	0	0	276	51	24	5,749	24,207	781
PAD District III														
Arab OPEC														
Algeria	2,061	0	0	0	0	0	0	0	0	0	0	0	2,061	66
Libya	2,383	0	0	0	0	0	0	0	0	0	325	325	2,708	87
Saudi Arabia	26,446	923	0	0	0	0	0	0	0	0	0	923	27,369	883
United Arab Emirates	2,294	0	0	0	0	0	0	0	0	0	0	0	2,294	74
Subtotal Arab OPEC	33,183	923	0	0	0	0	0	0	0	0	325	1,248	34,431	1,111
Other OPEC														
Ecuador	2,856	0	0	0	0	0	0	0	0	0	0	0	2,856	92
Gabon	671	0	0	0	0	0	0	0	0	0	0	0	671	22
Indonesia	3,327	0	0	0	0	0	0	0	0	0	0	0	3,327	107
Nigeria	4,351	0	0	0	0	0	0	0	0	0	0	0	4,351	140
Venezuela	1,560	0	281	0	0	0	0	0	320	0	48	650	2,210	71
Subtotal Other OPEC	12,764	0	281	0	0	0	0	0	320	0	48	650	13,414	433
Other														
Angola	689	0	0	0	0	0	0	0	0	0	0	0	689	22
Australia	0	355	373	0	0	0	0	0	0	0	0	728	728	23
Bahamas	0	0	0	0	0	0	0	208	0	0	241	449	449	14
Brazil	0	0	0	0	0	0	0	0	0	30	0	30	30	1
Canada	0	0	0	0	0	0	0	0	0	60	0	60	60	2
Egypt	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
France	0	114	0	0	0	0	0	0	0	0	(s)	114	114	4
Mexico	14,608	587	0	0	0	0	0	9	1,105	0	1	1,702	16,310	526
Norway	632	0	0	0	0	0	0	0	0	0	0	0	632	20
Peru	1,260	0	0	0	0	0	0	0	0	0	0	0	1,260	41
Puerto Rico	0	0	0	0	0	0	0	0	0	0	150	150	150	5
Trinidad and Tobago	1,440	0	0	0	0	0	0	0	339	0	49	388	1,828	59
Tunisia	956	0	0	0	0	0	0	0	0	0	0	0	956	31
United Kingdom	4,655	0	0	0	0	0	0	0	0	0	0	0	4,655	150

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts [2]	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
							PAD District III							
Other														
Virgin Islands	0	0	838	0	0	0	0	0	0	0	0	838	838	27
Zaire	280	0	0	0	0	0	0	0	0	0	0	0	280	9
Other Western Hemisphere	133	0	38	56	0	0	0	0	0	37	0	131	265	9
Other Eastern Hemisphere	494	0	215	0	0	0	0	0	0	0	16	231	725	23
Subtotal Other	25,149	1,055	1,463	56	0	0	0	217	1,444	127	457	4,820	29,969	967
Total Imports	71,096	1,978	1,744	56	0	0	0	217	1,765	127	830	6,718	77,814	2,510
							PAD District IV							
Other														
Canada	783	563	0	0	61	0	0	1	0	0	168	793	1,575	51
Subtotal Other	783	563	0	0	61	0	0	1	0	0	168	793	1,575	51
Total Imports	783	563	0	0	61	0	0	1	0	0	168	793	1,575	51
							PAD District V							
Arab OPEC														
Algeria	803	0	0	0	0	0	0	0	0	0	0	0	803	26
Saudi Arabia	91	0	0	0	0	0	0	0	0	0	0	0	91	3
United Arab Emirates	0	0	198	0	0	0	0	0	0	0	0	198	198	6
Subtotal Arab OPEC	894	0	198	0	0	0	0	0	0	0	0	198	1,093	35
Other OPEC														
Indonesia	6,704	0	0	0	205	0	0	65	836	0	0	1,106	7,809	252
Subtotal Other OPEC	6,704	0	0	0	205	0	0	65	836	0	0	1,106	7,809	252
Other														
Australia	0	0	0	0	0	0	0	0	0	0	92	92	92	3
Bahamas	0	0	0	0	0	206	0	0	0	0	0	206	206	7
Brunei	0	0	0	0	35	0	0	3	10	0	0	48	48	2
Canada	575	443	0	19	0	0	0	(s)	0	18	10	491	1,065	34
Malaysia	1,149	0	0	0	99	0	0	0	27	0	0	126	1,275	41
Mexico	0	0	0	0	(s)	0	0	20	0	0	2	22	22	1
Netherlands Antilles	0	0	0	0	0	(s)	0	0	0	0	0	(s)	(s)	(s)
Oman	548	0	0	0	0	0	0	0	0	0	0	0	548	18
People's Republic of China	0	0	0	0	610	0	0	0	0	0	0	610	610	20
Peru	0	0	0	0	0	0	0	10	0	0	0	10	10	(s)
Other Eastern Hemisphere	0	0	0	0	39	0	0	0	48	0	22	109	109	4
Subtotal Other	2,271	443	0	19	783	206	0	33	85	18	125	1,713	3,984	129
Total Imports	9,869	443	198	19	988	206	0	98	921	18	125	3,017	12,886	416

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1981 (Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	4,094	0	0	0	0	0	0	0	2,198	0	0	2,198	6,292	210
Libya	3,967	0	0	0	0	0	0	0	0	0	0	0	3,967	132
Saudi Arabia	38,104	0	0	0	0	0	0	0	0	0	0	0	38,104	1,270
United Arab Emirates	2,875	0	0	0	0	0	0	0	0	0	487	487	3,361	112
Subtotal Arab OPEC	49,040	0	0	0	0	0	0	0	2,198	0	487	2,685	51,725	1,724
Other OPEC														
Ecuador	676	0	0	0	0	0	0	0	231	0	0	231	907	30
Gabon	760	0	0	0	0	0	0	0	0	0	0	0	760	25
Indonesia	9,038	0	0	0	267	0	0	61	1,216	0	0	1,543	10,581	353
Nigeria	15,139	0	0	0	0	0	0	0	376	0	0	376	15,515	517
Venezuela	5,118	0	1,094	0	0	0	234	0	9,169	325	104	10,925	16,043	535
Subtotal Other OPEC	30,730	0	1,094	0	267	0	234	61	10,992	325	104	13,075	43,805	1,460
Other														
Angola	501	0	0	0	0	0	0	0	281	0	0	281	782	26
Bahamas	0	0	275	0	0	129	0	302	1,176	0	0	1,882	1,882	63
Brazil	384	0	0	0	0	0	0	0	49	0	0	49	432	14
Brunei	0	0	0	0	63	0	0	0	62	0	0	126	126	4
Canada	5,507	8,333	102	125	363	1	0	806	885	80	196	10,889	16,397	547
Congo	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Egypt	345	0	172	0	0	0	0	0	0	0	0	172	516	17
France	0	0	0	304	0	0	0	0	0	0	1	305	305	10
Ghana	0	0	0	0	0	0	0	0	146	0	0	146	146	5
Malaysia	297	0	0	0	3	0	0	0	11	0	0	14	311	10
Mexico	17,487	76	0	0	(s)	0	0	15	1,044	0	205	1,340	18,827	628
Netherlands	0	0	0	0	446	0	0	0	0	0	0	446	446	15
Netherlands Antilles	0	0	0	0	224	9	0	35	4,784	0	(s)	5,051	5,051	168
Norway	3,476	0	0	0	0	0	0	0	0	0	0	0	3,476	116
Oman	909	0	0	0	0	0	0	0	0	0	0	0	909	30
People's Republic of China	0	0	0	617	0	0	0	0	0	0	0	617	617	21
Peru	301	0	0	0	0	0	0	0	220	0	0	220	521	17
Puerto Rico	0	0	510	0	812	0	0	685	0	0	268	2,276	2,276	76
Romania	0	0	0	0	236	0	0	0	0	0	0	236	236	8
Trinidad and Tobago	2,761	0	0	0	0	0	0	0	274	193	21	488	3,249	108
Tunisia	463	0	0	0	0	0	0	0	0	0	0	0	463	15
United Kingdom	7,589	0	0	0	0	0	0	0	1	0	(s)	1	7,590	253
Virgin Islands	0	0	863	0	1,764	134	329	1,830	3,268	0	620	8,808	8,808	294
Zaire	408	0	0	0	0	0	0	0	0	0	0	0	408	14
Other Western Hemisphere	(s)	0	108	0	0	0	0	0	946	0	0	1,054	1,054	35
Other Eastern Hemisphere	1,178	(s)	172	187	270	0	0	0	71	0	(s)	701	1,879	63
Subtotal Other	41,608	8,409	2,202	1,233	4,181	272	329	3,674	13,216	273	1,310	35,100	76,709	2,557
Total Imports	121,378	8,409	3,296	1,233	4,448	272	563	3,734	26,406	598	1,901	50,860	172,239	5,741

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	447	0	0	0	0	0	0	0	2,198	0	0	2,198	2,645	88
Saudi Arabia	9,552	0	0	0	0	0	0	0	0	0	0	0	9,552	318
United Arab Emirates	160	0	0	0	0	0	0	0	0	0	306	306	466	16
Subtotal Arab OPEC	10,160	0	0	0	0	0	0	0	2,198	0	306	2,504	12,663	422
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	231	0	0	231	231	8
Gabon	757	0	0	0	0	0	0	0	0	0	0	0	757	25
Indonesia	2,821	0	0	0	0	0	0	0	433	0	0	433	3,254	108
Nigeria	7,111	0	0	0	0	0	0	0	0	0	0	0	7,111	237
Venezuela	2,953	0	0	0	0	0	234	0	8,419	0	46	8,699	11,651	388
Subtotal Other OPEC	13,642	0	0	0	0	0	234	0	9,083	0	46	9,363	23,005	767
Other														
Angola	501	0	0	0	0	0	0	0	281	0	0	281	782	26
Bahamas	0	0	0	0	0	0	0	302	1,176	0	0	1,478	1,478	49
Brazil	384	0	0	0	0	0	0	0	49	0	0	49	432	14
Canada	0	382	40	0	273	1	0	806	264	12	27	1,804	1,804	60
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	146	0	0	146	146	5
Mexico	1,221	0	0	0	0	0	0	0	528	0	0	528	1,749	58
Netherlands	0	0	0	0	446	0	0	0	0	0	0	446	446	15
Netherlands Antilles	0	0	0	0	224	0	0	35	4,784	0	(s)	5,042	5,042	168
Norway	2,441	0	0	0	0	0	0	0	0	0	0	0	2,441	81
Oman	620	0	0	0	0	0	0	0	0	0	0	0	620	21
Peru	0	0	0	0	0	0	0	0	220	0	0	220	220	7
Puerto Rico	0	0	510	0	812	0	0	685	0	0	142	2,150	2,150	72
Trinidad and Tobago	449	0	0	0	0	0	0	0	274	0	0	274	723	24
United Kingdom	3,047	0	0	0	0	0	0	0	1	0	(s)	1	3,048	102
Virgin Islands	0	0	379	0	1,764	0	329	1,613	3,268	0	0	7,353	7,353	245
Zaire	408	0	0	0	0	0	0	0	0	0	0	0	408	14
Other Western Hemisphere	0	0	49	0	0	0	0	0	946	0	0	995	995	33
Other Eastern Hemisphere	0	(s)	172	0	266	0	0	0	0	0	(s)	439	439	15
Subtotal Other	9,071	382	1,150	0	3,785	1	329	3,441	11,935	12	170	21,205	30,276	1,009
Total Imports	32,872	382	1,150	0	3,785	1	563	3,441	23,216	12	522	33,072	65,944	2,198
							PAD District II							
Arab OPEC														
Algeria	1,583	0	0	0	0	0	0	0	0	0	0	0	1,583	53
Libya	1,054	0	0	0	0	0	0	0	0	0	0	0	1,054	35
Saudi Arabia	6,943	0	0	0	0	0	0	0	0	0	0	0	6,943	231
United Arab Emirates	386	0	0	0	0	0	0	0	0	0	0	0	386	13
Subtotal Arab OPEC	9,966	0	0	0	0	0	0	0	0	0	0	0	9,966	332

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other OPEC														
Nigeria	2,232	0	0	0	0	0	0	0	0	0	0	0	2,232	74
Venezuela	457	0	0	0	0	0	0	0	0	0	0	0	457	15
Subtotal Other OPEC	2,689	0	0	0	0	0	0	0	0	0	0	0	2,689	90
Other														
Canada	3,944	6,711	62	110	1	0	0	0	621	59	18	7,581	11,526	384
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,913	0	0	0	0	0	0	0	0	0	0	0	2,913	97
Norway	84	0	0	0	0	0	0	0	0	0	0	0	84	3
Trinidad and Tobago	438	0	0	0	0	0	0	0	0	0	0	0	438	15
Tunisia	463	0	0	0	0	0	0	0	0	0	0	0	463	15
United Kingdom	2,021	0	0	0	0	0	0	0	0	0	0	0	2,021	67
Other Eastern Hemisphere	1,178	0	0	0	0	0	0	0	0	0	0	0	1,178	39
Subtotal Other	11,042	6,711	62	110	1	0	0	0	621	59	18	7,581	18,623	621
Total Imports	23,697	6,711	62	110	1	0	0	0	621	59	18	7,581	31,278	1,043
							PAD District III							
Arab OPEC														
Algeria	2,063	0	0	0	0	0	0	0	0	0	0	0	2,063	69
Libya	2,913	0	0	0	0	0	0	0	0	0	0	0	2,913	97
Saudi Arabia	21,316	0	0	0	0	0	0	0	0	0	0	0	21,316	711
United Arab Emirates	2,329	0	0	0	0	0	0	0	0	0	181	181	2,510	84
Subtotal Arab OPEC	28,621	0	0	0	0	0	0	0	0	0	181	181	28,802	960
Other OPEC														
Ecuador	676	0	0	0	0	0	0	0	0	0	0	0	676	23
Gabon	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Indonesia	1,173	0	0	0	0	0	0	0	0	0	0	0	1,173	39
Nigeria	5,796	0	0	0	0	0	0	0	376	0	0	376	6,172	206
Venezuela	1,709	0	1,094	0	0	0	0	0	750	325	57	2,226	3,935	131
Subtotal Other OPEC	9,356	0	1,094	0	0	0	0	0	1,126	325	57	2,602	11,958	399
Other														
Bahamas	0	0	275	0	0	0	0	0	0	0	0	275	275	9
Congo	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Egypt	345	0	172	0	0	0	0	0	0	0	0	172	516	17
France	0	0	0	304	0	0	0	0	0	0	(s)	304	304	10
Mexico	13,353	76	0	0	(s)	0	0	2	516	0	202	796	14,148	472
Norway	951	0	0	0	0	0	0	0	0	0	0	0	951	32
People's Republic of China	0	0	0	158	0	0	0	0	0	0	0	158	158	5
Peru	301	0	0	0	0	0	0	0	0	0	0	0	301	10
Puerto Rico	0	0	0	0	0	0	0	0	0	0	125	125	125	4
Romania	0	0	0	0	236	0	0	0	0	0	0	236	236	8
Trinidad and Tobago	1,873	0	0	0	0	0	0	0	0	0	0	0	1,873	62
United Kingdom	2,521	0	0	0	0	0	0	0	0	0	0	0	2,521	84
Virgin Islands	0	0	484	0	0	0	0	217	0	0	620	1,321	1,321	44

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Other Western Hemisphere	(s)	0	59	0	0	0	0	0	0	0	0	59	59	2
Other Eastern Hemisphere	0	0	0	187	0	0	0	0	10	0	0	197	197	7
Subtotal Other	19,346	76	990	650	236	0	0	219	526	0	947	3,644	22,990	766
Total Imports	57,323	76	2,084	650	236	0	0	219	1,652	325	1,186	6,427	63,750	2,125
							PAD District IV							
Other														
Canada	999	626	0	0	88	0	0	(s)	0	0	135	850	1,849	62
Subtotal Other	999	626	0	0	88	0	0	(s)	0	0	135	850	1,849	62
Total Imports	999	626	0	0	88	0	0	(s)	0	0	135	850	1,849	62
							PAD District V							
Arab OPEC														
Saudi Arabia	293	0	0	0	0	0	0	0	0	0	0	0	293	10
Subtotal Arab OPEC	293	0	0	0	0	0	0	0	0	0	0	0	293	10
Other OPEC														
Indonesia	5,044	0	0	0	267	0	0	61	783	0	0	1,110	6,154	205
Subtotal Other OPEC	5,044	0	0	0	267	0	0	61	783	0	0	1,110	6,154	205
Other														
Bahamas	0	0	0	0	0	129	0	0	0	0	0	129	129	4
Brunei	0	0	0	0	63	0	0	0	62	0	0	126	126	4
Canada	564	614	0	15	0	0	0	0	0	9	16	653	1,217	41
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	297	0	0	0	3	0	0	0	11	0	0	14	311	10
Mexico	0	0	0	0	(s)	0	0	13	0	0	3	16	16	1
Netherlands	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netherlands Antilles	0	0	0	0	0	9	0	0	0	0	0	9	9	(s)
Oman	289	0	0	0	0	0	0	0	0	0	0	0	289	10
People's Republic of China	0	0	0	459	0	0	0	0	0	0	0	459	459	15
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	193	21	214	214	7
Virgin Islands	0	0	0	0	0	134	0	0	0	0	0	134	134	4
Other Eastern Hemisphere	0	0	0	0	4	0	0	0	61	0	0	65	65	2
Subtotal Other	1,150	614	0	474	70	272	0	13	134	202	40	1,820	2,970	99
Total Imports	6,487	614	0	474	337	272	0	74	917	202	40	2,930	9,417	314

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1981
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
All PAD Districts														
Arab OPEC														
Algeria	3,583	0	261	0	0	0	0	0	1,622	0	0	1,884	5,466	176
Libya	3,793	0	0	0	0	0	0	0	0	0	0	0	3,793	122
Saudi Arabia	31,883	520	0	0	0	0	0	0	0	0	(s)	520	32,404	1,045
United Arab Emirates	4,189	0	230	0	0	0	0	0	0	0	479	709	4,898	158
Subtotal Arab OPEC	43,448	520	491	0	0	0	0	0	1,622	0	479	3,113	46,561	1,502
Other OPEC														
Ecuador	3,309	0	0	0	0	0	0	0	276	0	0	276	3,585	116
Gabon	501	0	0	0	0	0	0	0	0	0	0	0	501	16
Indonesia	11,403	0	0	0	378	0	0	68	557	0	0	1,003	12,406	400
Nigeria	21,199	0	0	0	0	0	0	0	0	0	0	0	21,199	684
Venezuela	3,283	136	701	0	0	0	0	0	8,524	0	91	9,452	12,734	411
Subtotal Other OPEC	39,695	136	701	0	378	0	0	68	9,357	0	91	10,731	50,425	1,627
Other														
Angola	2,381	0	0	0	0	0	0	0	0	0	0	0	2,381	77
Bahamas	0	0	949	0	0	100	0	239	878	0	0	2,166	2,166	70
Brazil	430	0	0	0	0	0	0	0	1,874	0	0	1,874	2,304	74
Brunei	0	0	0	11	54	0	0	4	26	0	0	95	95	3
Canada	6,182	7,104	128	149	311	(s)	0	(s)	1,335	128	198	9,354	15,535	501
Egypt	1,069	0	0	0	0	0	0	0	0	0	0	0	1,069	34
France	0	0	233	0	236	0	0	0	0	0	1	470	470	15
Ghana	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	446	0	0	0	81	0	0	17	0	0	0	97	543	18
Mexico	15,779	156	0	0	(s)	0	0	19	2,238	0	1	2,414	18,193	587
Netherlands	0	0	115	0	423	0	0	0	310	0	0	848	848	27
Netherlands Antilles	0	0	0	0	224	7	0	0	4,348	0	0	4,578	4,578	148
Norway	3,866	0	0	0	0	0	0	0	116	0	0	116	3,982	128
People's Republic of China	0	0	0	0	788	0	0	0	0	0	0	788	788	25
Peru	1,120	0	0	129	0	0	0	0	0	0	0	129	1,249	40
Puerto Rico	0	0	490	0	952	49	0	533	0	0	236	2,260	2,260	73
Romania	0	0	0	0	215	0	0	0	0	0	0	215	215	7
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Trinidad and Tobago	2,796	0	281	0	0	0	0	0	812	0	0	1,093	3,889	125
United Kingdom	8,688	0	0	0	0	0	0	0	0	0	(s)	(s)	8,688	280
Virgin Islands	0	0	1,566	44	2,183	74	293	2,010	5,210	0	0	11,380	11,380	367
Zaire	794	0	0	0	0	0	0	0	0	0	0	0	794	26
Other Western Hemisphere	0	0	0	130	0	0	0	0	249	0	0	378	378	12
Other Eastern Hemisphere	1,544	0	446	0	273	0	0	55	18	(s)	5	797	2,342	76
Subtotal Other	45,094	7,260	4,209	463	5,739	230	293	2,876	17,414	128	441	39,052	84,146	2,714
Total Imports	128,237	7,916	5,401	463	6,117	230	293	2,944	28,393	128	1,011	52,896	181,132	5,843

See footnotes at end of table

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1981 (Thousands of Barrels) (continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	961	0	261	0	0	0	0	0	1,622	0	0	1,884	2,845	92
Saudi Arabia	8,154	520	0	0	0	0	0	0	0	0	(s)	520	8,675	280
Subtotal Arab OPEC	9,116	520	261	0	0	0	0	0	1,622	0	(s)	2,404	11,520	372
Other OPEC														
Ecuador	1,421	0	0	0	0	0	0	0	276	0	0	276	1,697	55
Indonesia	2,740	0	0	0	0	0	0	0	265	0	0	265	3,005	97
Nigeria	9,201	0	0	0	0	0	0	0	0	0	0	0	9,201	297
Venezuela	1,312	136	189	0	0	0	0	0	8,524	0	42	8,890	10,202	329
Subtotal Other OPEC	14,674	136	189	0	0	0	0	0	9,065	0	42	9,431	24,105	778
Other														
Angola	1,156	0	0	0	0	0	0	0	0	0	0	0	1,156	37
Bahamas	0	0	0	0	0	0	0	239	878	0	0	1,117	1,117	36
Brazil	430	0	0	0	0	0	0	0	1,874	0	0	1,874	2,304	74
Canada	0	327	1	0	275	(s)	0	(s)	480	71	6	1,161	1,161	37
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,771	0	0	0	0	0	0	0	1,022	0	0	1,022	2,793	90
Netherlands	0	0	115	0	423	0	0	0	310	0	0	848	848	27
Netherlands Antilles	0	0	0	0	224	0	0	0	4,348	0	0	4,572	4,572	147
Norway	2,073	0	0	0	0	0	0	0	116	0	0	116	2,189	71
Peru	735	0	0	129	0	0	0	0	0	0	0	129	864	28
Puerto Rico	0	0	490	0	952	49	0	325	0	0	169	1,985	1,985	64
Romania	0	0	0	0	215	0	0	0	0	0	0	215	215	7
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	0	812	0	0	812	812	26
United Kingdom	4,626	0	0	0	0	0	0	0	0	0	(s)	(s)	4,626	149
Virgin Islands	0	0	599	0	2,183	74	293	2,010	5,210	0	0	10,369	10,369	334
Zaire	322	0	0	0	0	0	0	0	0	0	0	0	322	10
Other Western Hemisphere	0	0	0	0	0	0	0	0	249	0	0	249	249	8
Other Eastern Hemisphere	1	0	250	0	223	0	0	0	0	(s)	5	478	479	15
Subtotal Other	11,112	327	1,456	129	4,494	123	293	2,573	15,298	71	181	24,946	36,058	1,163
Total Imports	34,902	983	1,906	129	4,494	123	293	2,573	25,985	71	223	36,781	71,683	2,312
							PAD District II							
Arab OPEC														
Algeria	679	0	0	0	0	0	0	0	0	0	0	0	679	22
Libya	2,496	0	0	0	0	0	0	0	0	0	0	0	2,496	81
Saudi Arabia	3,897	0	0	0	0	0	0	0	0	0	0	0	3,897	126
United Arab Emirates	936	0	0	0	0	0	0	0	0	0	0	0	936	30
Subtotal Arab OPEC	8,007	0	0	0	0	0	0	0	0	0	0	0	8,007	258

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1981
(Thousands of Barrels)
(continued)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District II							
Other OPEC														
Nigeria	3,714	0	0	0	0	0	0	0	0	0	0	0	3,714	120
Subtotal Other OPEC	3,714	0	0	0	0	0	0	0	0	0	0	0	3,714	120
Other														
Canada	4,386	5,656	127	63	1	0	0	0	795	52	11	6,706	11,092	358
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,474	0	0	0	0	0	0	0	0	0	0	0	2,474	80
Norway	449	0	0	0	0	0	0	0	0	0	0	0	449	14
Peru	385	0	0	0	0	0	0	0	0	0	0	0	385	12
Trinidad and Tobago	973	0	0	0	0	0	0	0	0	0	0	0	973	31
United Kingdom	1,248	0	0	0	0	0	0	0	0	0	0	0	1,248	40
Other Eastern Hemisphere	923	0	0	0	0	0	0	0	0	0	0	0	923	30
Subtotal Other	10,839	5,656	127	63	1	0	0	0	795	52	11	6,706	17,544	566
Total Imports	22,559	5,656	127	63	1	0	0	0	795	52	11	6,706	29,265	944
							PAD District III							
Arab OPEC														
Algeria	1,943	0	0	0	0	0	0	0	0	0	0	0	1,943	63
Libya	1,298	0	0	0	0	0	0	0	0	0	0	0	1,298	42
Saudi Arabia	19,832	0	0	0	0	0	0	0	0	0	0	0	19,832	640
United Arab Emirates	3,253	0	0	0	0	0	0	0	0	0	0	0	3,253	105
Subtotal Arab OPEC	26,325	0	0	0	0	0	0	0	0	0	0	0	26,325	849
Other OPEC														
Ecuador	1,888	0	0	0	0	0	0	0	0	0	0	0	1,888	61
Gabon	501	0	0	0	0	0	0	0	0	0	0	0	501	16
Indonesia	2,524	0	0	0	0	0	0	0	0	0	0	0	2,524	81
Nigeria	8,285	0	0	0	0	0	0	0	0	0	0	0	8,285	267
Venezuela	1,970	0	512	0	0	0	0	0	0	0	50	562	2,532	82
Subtotal Other OPEC	15,168	0	512	0	0	0	0	0	0	0	50	562	15,729	507
Other														
Angola	1,225	0	0	0	0	0	0	0	0	0	0	0	1,225	40
Bahamas	0	0	949	0	0	0	0	0	0	0	0	949	949	31
Canada	0	(s)	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Egypt	1,069	0	0	0	0	0	0	0	0	0	0	0	1,069	34
France	0	0	233	0	236	0	0	0	0	0	(s)	469	469	15
Ghana	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	446	0	0	0	0	0	0	0	0	0	0	0	446	14
Mexico	11,534	156	0	0	(s)	0	0	(s)	1,216	0	1	1,374	12,908	416
Norway	1,344	0	0	0	0	0	0	0	0	0	0	0	1,344	43
People's Republic of China	0	0	0	0	163	0	0	0	0	0	0	163	163	5
Puerto Rico	0	0	0	0	0	0	0	0	0	0	68	68	68	2
Trinidad and Tobago	1,385	0	281	0	0	0	0	0	0	0	0	281	1,667	54
United Kingdom	2,814	0	0	0	0	0	0	0	0	0	(s)	(s)	2,814	91
Virgin Islands	0	0	966	44	0	0	0	0	0	0	0	1,011	1,011	33

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1981 (Thousands of Barrels)

(continued)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
								PAD District III						
Other														
Zaire	472	0	0	0	0	0	0	0	0	0	0	0	472	15
Other Western Hemisphere	0	0	0	130	0	0	0	0	0	0	0	130	130	4
Other Eastern Hemisphere	621	0	0	0	0	0	0	0	0	0	0	0	621	20
Subtotal Other	20,911	156	2,430	174	399	0	0	(s)	1,216	0	69	4,444	25,355	818
Total Imports	62,404	156	2,942	174	399	0	0	(s)	1,216	0	118	5,006	67,410	2,175
								PAD District IV						
Other														
Canada	1,119	752	0	0	35	0	0	(s)	0	0	165	952	2,071	67
Subtotal Other	1,119	752	0	0	35	0	0	(s)	0	0	165	952	2,071	67
Total Imports	1,119	752	0	0	35	0	0	(s)	0	0	165	952	2,071	67
								PAD District V						
Arab OPEC														
United Arab Emirates	0	0	230	0	0	0	0	0	0	0	479	709	709	23
Subtotal Arab OPEC	0	0	230	0	0	0	0	0	0	0	479	709	709	23
Other OPEC														
Indonesia	6,140	0	0	0	378	0	0	68	292	0	0	738	6,877	222
Subtotal Other OPEC	6,140	0	0	0	378	0	0	68	292	0	0	738	6,877	222
Other														
Bahamas	0	0	0	0	0	100	0	(s)	0	0	0	100	100	3
Brunei	0	0	0	11	54	0	0	4	26	0	0	95	95	3
Canada	676	368	0	86	0	0	0	(s)	60	6	15	535	1,211	39
Malaysia	0	0	0	0	81	0	0	17	0	0	0	97	97	3
Mexico	0	0	0	0	(s)	0	0	18	0	0	0	18	18	1
Netherlands Antilles	0	0	0	0	0	7	0	0	0	0	0	7	7	(s)
People's Republic of China	0	0	0	0	624	0	0	0	0	0	0	624	624	20
Puerto Rico	0	0	0	0	0	0	0	208	0	0	0	208	208	7
Trinidad and Tobago	437	0	0	0	0	0	0	0	0	0	0	0	437	14
Other Eastern Hemisphere	0	0	196	0	50	0	0	55	18	0	(s)	319	319	10
Subtotal Other	1,113	368	196	97	809	107	0	302	104	6	15	2,004	3,117	101
Total Imports	7,253	368	426	97	1,187	107	0	370	397	6	494	3,451	10,703	345

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, January 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	2	3,116	0	0	7,379	10,496
Liquefied Petroleum Gases and Ethane	70	4	352	0	229	656
Ethane	0	0	(s)	0	0	(s)
Propane	33	(s)	150	0	156	339
Butane	37	4	202	0	73	316
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	(s)	(s)	(s)	0	11	12
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	28	28
Kerosene	0	0	(s)	0	(s)	(s)
Distillate Fuel Oil	4	(s)	1	0	(s)	5
Residual Fuel Oil	(s)	0	743	0	1,276	2,020
Naphtha < 400 Deg. for Petrochem. Feedstock	58	2	16	(s)	10	85
Other Oils > 400 Deg. for Petrochem. Feedstock	37	16	303	0	28	384
Special Naphthas	1	5	5	0	1	12
Lubricants	224	15	413	3	59	714
Wax	5	1	70	(s)	6	82
Petroleum Coke	14	130	915	1	1,694	2,754
Asphalt	4	(s)	(s)	1	6	11
Miscellaneous Products	24	(s)	7	(s)	4	35
Total Product Exports	439	176	2,825	5	3,352	6,798
Total Exports	441	3,292	2,825	5	10,731	17,294

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, February 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	(s)	2,540	0	0	3,002	5,543
Liquefied Petroleum Gases and Ethane	46	14	421	0	100	580
Ethane	(s)	(s)	0	0	0	(s)
Propane	20	5	224	0	53	302
Butane	25	9	197	0	47	278
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	(s)	0	0	0	19	19
Naphtha-Type Jet Fuel	0	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	0	0	0	0	21	21
Kerosene	(s)	(s)	0	0	2	2
Distillate Fuel Oil	(s)	0	0	0	465	465
Residual Fuel Oil	(s)	0	1,341	0	2,158	3,499
Naphtha < 400 Deg. for Petrochem. Feedstock	44	4	107	0	7	162
Other Oils > 400 Deg. for Petrochem. Feedstock	57	0	442	0	99	598
Special Naphthas	16	2	10	0	1	29
Lubricants	189	19	266	1	53	529
Wax	4	1	14	(s)	12	32
Petroleum Coke	746	76	1,775	1	1,796	4,394
Asphalt	1	1	1	(s)	1	4
Miscellaneous Products	24	(s)	30	(s)	3	58
Total Product Exports	1,128	119	4,407	2	4,738	10,393
Total Exports	1,128	2,659	4,407	2	7,740	15,936

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, March
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	311	0	0	6,208	6,519
Liquefied Petroleum Gases and Ethane	93	7	405	0	117	622
Ethane	(s)	0	0	0	0	(s)
Propane	42	3	208	0	77	329
Butane	51	4	197	0	40	293
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	0	0	0	13	14
Naphtha-Type Jet Fuel	0	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	0	0	0	0	10	10
Kerosene	(s)	(s)	1	0	(s)	2
Distillate Fuel Oil	1	1	4	0	1	6
Residual Fuel Oil	0	0	1,522	0	2,962	4,484
Naphtha < 400 Deg for Petrochem Feedstock	184	10	58	1	8	262
Other Oils > 400 Deg for Petrochem. Feedstock	0	29	856	0	146	1,031
Special Naphthas	3	2	476	(s)	5	486
Lubricants	264	14	549	1	65	892
Wax	5	(s)	41	(s)	7	54
Petroleum Coke	247	186	1,380	0	1,910	3,722
Asphalt	2	1	(s)	(s)	10	14
Miscellaneous Products	30	(s)	17	(s)	3	51
Total Product Exports	831	251	5,308	3	5,258	11,651
Total Exports	831	562	5,308	3	11,466	18,169

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, April 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	929	0	0	5,002	5,931
Liquefied Petroleum Gases and Ethane	68	9	584	0	107	768
Ethane	(s)	0	(s)	0	0	(s)
Propane	32	4	253	0	58	347
Butane	36	5	331	0	49	421
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	2	0	0	0	8	9
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	18	18
Kerosene	3	2	2	0	(s)	7
Distillate Fuel Oil	(s)	(s)	1	0	99	101
Residual Fuel Oil	(s)	0	1,241	0	3,288	4,529
Naphtha < 400 Deg. for Petrochem. Feedstock	45	13	76	1	8	143
Other Oils > 400 Deg. for Petrochem. Feedstock	40	30	402	0	209	680
Special Naphthas	2	1	237	0	5	246
Lubricants	120	15	373	2	55	564
Wax	5	(s)	30	0	6	42
Petroleum Coke	166	399	1,872	0	1,559	3,995
Asphalt	3	1	4	(s)	10	18
Miscellaneous Products	24	1	13	(s)	5	43
Total Product Exports	478	471	4,834	4	5,375	11,162
Total Exports	478	1,400	4,834	4	10,377	17,093

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, May 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	2,114	0	0	7,565	9,679
Liquefied Petroleum Gases and Ethane	57	8	379	0	147	591
Ethane	(s)	0	0	0	0	(s)
Propane	26	1	171	0	64	262
Butane	30	7	208	0	84	330
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	1	(s)	0	21	23
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	0	0	0	0	16	16
Kerosene	3	1	0	0	(s)	4
Distillate Fuel Oil	1	0	1	0	1	3
Residual Fuel Oil	(s)	0	226	0	555	781
Naphtha < 400 Deg. for Petrochem. Feedstock	61	11	58	(s)	8	139
Other Oils > 400 Deg. for Petrochem. Feedstock	0	47	635	0	291	973
Special Naphthas	3	5	247	(s)	3	258
Lubricants	189	13	363	1	56	622
Wax	8	1	44	(s)	12	65
Petroleum Coke	284	512	1,750	0	2,666	5,211
Asphalt	3	1	1	(s)	3	8
Miscellaneous Products	36	1	31	(s)	5	73
Total Product Exports	648	600	3,734	2	3,784	8,769
Total Exports	648	2,715	3,734	2	11,349	18,448

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, June 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	270	0	0	3,428	3,698
Liquefied Petroleum Gases and Ethane	36	1	588	0	86	711
Ethane	0	0	0	0	0	0
Propane	16	(s)	262	0	51	329
Butane	19	1	327	0	35	382
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	0	(s)	0	18	19
Naphtha-Type Jet Fuel	0	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	0	0	0	0	12	12
Kerosene	2	(s)	1	0	1	5
Distillate Fuel Oil	7	1	7	0	(s)	15
Residual Fuel Oil	(s)	0	1,608	0	657	2,266
Naphtha < 400 Deg. for Petrochem. Feedstock	56	10	58	(s)	8	131
Other Oils > 400 Deg. for Petrochem. Feedstock	30	105	116	0	82	333
Special Naphthas	3	5	703	(s)	2	713
Lubricants	146	14	326	1	63	550
Wax	5	1	14	(s)	7	27
Petroleum Coke	772	548	1,389	(s)	1,367	4,076
Asphalt	2	1	1	(s)	1	6
Miscellaneous Products	32	1	12	(s)	6	50
Total Product Exports	1,092	685	4,823	2	2,310	8,913
Total Exports	1,092	955	4,823	2	5,738	12,611

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, July 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	1,944	0	0	6,032	7,976
Liquefied Petroleum Gases and Ethane	56	11	388	0	85	540
Ethane	(s)	0	0	0	0	(s)
Propane	25	7	156	0	39	228
Butane	30	4	232	0	46	312
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	3	0	0	8	12
Naphtha-Type Jet Fuel	(s)	0	0	0	(s)	1
Kerosene-Type Jet Fuel	0	0	0	0	19	19
Kerosene	1	1	(s)	0	1	3
Distillate Fuel Oil	1	1	8	0	61	72
Residual Fuel Oil	(s)	(s)	627	0	1,918	2,546
Naphtha < 400 Deg. for Petrochem. Feedstock	73	7	38	1	6	126
Other Oils > 400 Deg. for Petrochem. Feedstock	1	33	500	0	199	733
Special Naphthas	1	4	286	0	1	292
Lubricants	85	19	269	1	68	443
Wax	4	(s)	37	(s)	6	46
Petroleum Coke	666	629	2,169	0	1,377	4,841
Asphalt	1	1	1	(s)	1	3
Miscellaneous Products	16	1	37	(s)	6	60
Total Product Exports	908	710	4,360	2	3,756	9,737
Total Exports	908	2,654	4,360	2	9,788	17,713

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, August 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	852	0	0	5,468	6,320
Liquefied Petroleum Gases and Ethane	89	4,044	391	0	109	4,633
Ethane	(s)	0	0	0	0	(s)
Propane	39	1,618	167	0	43	1,868
Butane	49	2,426	223	0	66	2,765
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	80	0	0	6	87
Naphtha-Type Jet Fuel	0	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	(s)	0	0	0	21	22
Kerosene	1	1	1	0	1	3
Distillate Fuel Oil	(s)	1	4	0	1	7
Residual Fuel Oil	(s)	0	1,047	0	1,090	2,138
Naphtha < 400 Deg. for Petrochem. Feedstock	68	8	26	(s)	14	116
Other Oils > 400 Deg. for Petrochem. Feedstock	(s)	47	333	0	130	510
Special Naphthas	2	1	801	(s)	3	808
Lubricants	159	29	245	1	43	476
Wax	4	(s)	11	0	4	20
Petroleum Coke	327	664	1,795	0	1,989	4,775
Asphalt	4	2	1	(s)	1	9
Miscellaneous Products	25	1	7	(s)	4	38
Total Product Exports	682	4,878	4,662	2	3,417	13,641
Total Exports	682	5,730	4,662	2	8,885	19,961

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, Septembe
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	9	0	0	5,804	5,813
Liquefied Petroleum Gases and Ethane	62	(s)	424	(s)	129	616
Ethane	(s)	(s)	0	0	0	(s)
Propane	29	(s)	225	(s)	52	306
Butane	33	(s)	199	(s)	77	310
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	31	0	0	20	52
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	20	20
Kerosene	(s)	0	(s)	0	0	(s)
Distillate Fuel Oil	3	1	1	0	27	32
Residual Fuel Oil	(s)	34	1,291	0	2,456	3,781
Naphtha < 400 Deg. for Petrochem. Feedstock	42	5	54	1	7	109
Other Oils > 400 Deg. for Petrochem. Feedstock	0	66	291	0	111	468
Special Naphthas	3	4	429	0	3	439
Lubricants	93	30	277	1	53	454
Wax	4	1	6	0	9	20
Petroleum Coke	191	172	1,439	0	1,929	3,731
Asphalt	1	1	1	(s)	2	5
Miscellaneous Products	19	1	14	0	3	37
Total Product Exports	420	347	4,226	2	4,769	9,765
Total Exports	420	356	4,226	2	10,573	15,578

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, October 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	1,526	0	0	5,470	6,996
Liquefied Petroleum Gases and Ethane	86	1,689	420	3	151	2,349
Ethane	(s)	(s)	0	0	0	(s)
Propane	39	676	237	1	62	1,015
Butane	47	1,013	183	2	89	1,334
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	(s)	70	(s)	0	18	88
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	1	0	0	1	12	14
Kerosene	(s)	0	1	0	4	4
Distillate Fuel Oil	1	(s)	145	0	21	167
Residual Fuel Oil	203	0	4,036	0	2,014	6,253
Naphtha < 400 Deg. for Petrochem. Feedstock	45	14	49	1	8	116
Other Oils > 400 Deg. for Petrochem. Feedstock	104	27	347	0	251	729
Special Naphthas	3	(s)	345	0	3	351
Lubricants	195	14	460	1	59	728
Wax	3	(s)	41	0	8	53
Petroleum Coke	537	607	1,893	(s)	1,937	4,976
Asphalt	8	1	(s)	1	1	10
Miscellaneous Products	24	2	8	(s)	7	41
Total Product Exports	1,210	2,424	7,744	6	4,495	15,880
Total Exports	1,210	3,950	7,744	6	9,965	22,876

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, November 1981
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,667	0	0	6,671	8,338
Liquefied Petroleum Gases and Ethane	121	769	709	0	155	1,754
Ethane	(s)	0	(s)	0	0	(s)
Propane	51	312	338	0	63	763
Butane	70	457	371	0	93	991
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	2	1	(s)	0	24	27
Naphtha-Type Jet Fuel	0	0	234	0	0	234
Kerosene-Type Jet Fuel	(s)	0	0	0	23	23
Kerosene	1	0	(s)	0	(s)	1
Distillate Fuel Oil	0	1	192	0	0	193
Residual Fuel Oil	(s)	(s)	3,220	1	2,858	6,079
Naphtha < 400 Deg. for Petrochem. Feedstock	58	4	30	(s)	5	98
Other Oils > 400 Deg. for Petrochem. Feedstock	0	46	293	0	319	658
Special Naphthas	2	1	245	0	1	249
Lubricants	93	18	231	1	64	407
Wax	5	1	11	0	5	21
Petroleum Coke	5	180	936	0	1,731	2,852
Asphalt	5	1	1	(s)	4	11
Miscellaneous Products	22	(s)	51	(s)	4	78
Total Product Exports	312	1,023	6,154	2	5,194	12,686
Total Exports	312	2,689	6,154	2	11,865	21,023

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, December 1981 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	1,160	0	0	4,697	5,857
Liquefied Petroleum Gases and Ethane	72	486	837	0	149	1,544
Ethane	(s)	(s)	0	0	0	(s)
Propane	30	193	345	0	60	627
Butane	42	293	492	0	90	917
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	0	(s)	0	332	333
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	(s)	0	206	0	16	222
Kerosene	(s)	(s)	0	0	(s)	(s)
Distillate Fuel Oil	2	1	312	0	505	820
Residual Fuel Oil	2	0	2,926	0	1,940	4,868
Naphtha < 400 Deg. for Petrochem. Feedstock	44	8	259	1	8	320
Other Oils > 400 Deg. for Petrochem. Feedstock	0	43	345	0	41	430
Special Naphthas	3	1	233	0	1	238
Lubricants	183	13	354	1	52	603
Wax	4	(s)	21	(s)	6	32
Petroleum Coke	426	522	2,462	0	1,554	4,964
Asphalt	3	40	1	(s)	3	47
Miscellaneous Products	23	1	19	0	4	46
Total Product Exports	760	1,115	7,976	2	4,612	14,464
Total Exports	760	2,275	7,976	2	9,309	20,322

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, January 1981
(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	8	(s)	43	(s)	(s)	52	2
Australia	0	4	0	0	0	0	(s)	6	1	56	(s)	7	74	2
Bahamas	0	1	(s)	0	(s)	0	(s)	2	0	0	0	(s)	3	(s)
Bahrain	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Belgium & Luxembourg	0	1	0	0	0	0	4	34	(s)	27	(s)	(s)	66	2
Brazil	0	5	0	0	0	0	0	10	(s)	1	0	(s)	16	1
Cameroon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Canada	3,117	9	(s)	0	(s)	48	2	53	4	198	1	37	3,471	112
Chile	0	(s)	0	0	0	0	(s)	3	0	(s)	0	(s)	4	(s)
China (Taiwan)	0	0	0	0	(s)	350	(s)	14	(s)	40	0	2	406	13
Colombia	0	2	0	0	0	0	0	3	(s)	0	0	1	6	(s)
Costa Rica	0	0	0	0	0	0	0	2	(s)	0	0	1	3	(s)
Denmark	0	2	0	0	0	0	0	(s)	(s)	0	0	(s)	2	(s)
Dominican Republic	0	(s)	0	0	(s)	0	(s)	2	0	0	0	(s)	3	(s)
Ecuador	0	1	0	0	(s)	0	(s)	(s)	(s)	0	0	1	2	(s)
Egypt	0	0	0	0	0	0	0	24	0	43	(s)	(s)	67	2
El Salvador	0	(s)	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
France	0	1	(s)	0	0	0	0	1	1	72	0	5	80	3
French Pacific Isl	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
Ghana	0	(s)	0	0	0	0	(s)	2	0	44	(s)	(s)	47	2
Greece	0	1	0	0	0	0	0	1	0	74	0	0	76	2
Guatemala	0	0	0	0	0	0	0	2	2	0	0	(s)	4	(s)
Guinea	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Honduras	0	1	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
Hong Kong	0	3	0	0	0	0	0	4	(s)	0	(s)	1	8	(s)
India	0	0	0	0	0	0	0	144	(s)	0	0	(s)	145	5
Indonesia	0	1	0	0	0	0	(s)	17	0	0	(s)	(s)	18	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	1	0	0	0	0	(s)	1	(s)	0	0	(s)	3	(s)
Italy	0	1	0	0	0	0	4	1	(s)	116	0	92	214	7
Ivory Coast	0	0	0	0	0	0	0	4	0	0	0	0	4	(s)
Jamaica	0	(s)	0	0	0	0	0	7	(s)	0	0	0	7	(s)
Japan	0	0	0	0	(s)	306	0	37	3	911	0	37	1,293	42
Jordan	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Korea, Republic of	0	2	0	0	0	0	0	4	1	1	2	1	11	(s)
Kuwait	0	(s)	0	0	0	0	0	4	0	1	(s)	3	7	(s)
Lebanon	0	0	0	0	0	0	0	1	(s)	0	0	0	1	(s)
Liberia	0	0	0	0	0	0	0	1	0	0	(s)	(s)	1	(s)
Malaysia	0	(s)	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	551	11	28	0	0	1	79	7	24	(s)	7	704	23
Netherlands	0	(s)	0	0	0	0	0	2	(s)	318	0	27	347	11
Netherlands Antilles	0	1	0	0	0	0	0	1	0	0	0	0	2	(s)
New Zealand	0	0	0	0	0	0	0	(s)	(s)	95	(s)	1	96	3
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Nigeria	0	0	0	0	0	0	0	13	0	0	0	3	16	1
Norway	0	0	0	0	0	0	0	(s)	0	89	0	0	89	3
Pacific Trust Terr	0	0	0	0	0	0	0	(s)	0	0	5	(s)	5	(s)
Panama	0	(s)	0	0	0	0	0	6	(s)	0	0	1	7	(s)
Peru	0	1	0	0	0	0	0	7	(s)	0	0	(s)	9	(s)
Philippines	0	(s)	0	0	0	0	0	5	(s)	(s)	0	1	7	(s)

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, January 1981 (Thousands of Barrels) (continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,816	16	0	0	0	479	(s)	25	1	40	(s)	5	2,383	77
Rep. of South Africa	0	(s)	0	0	0	0	0	2	(s)	31	(s)	4	37	1
Saudi Arabia	0	17	0	0	0	0	(s)	22	0	(s)	0	2	41	1
Singapore	0	1	0	0	0	572	(s)	1	(s)	0	(s)	1	575	19
Spain	0	0	0	0	3	0	0	1	(s)	47	0	90	140	5
Surinam	0	0	0	0	0	0	0	(s)	0	15	0	0	15	(s)
Sweden	0	(s)	0	0	0	0	0	10	(s)	0	(s)	4	14	(s)
Switzerland	0	1	0	0	0	0	0	1	(s)	0	0	2	4	(s)
Thailand	0	(s)	0	0	0	0	(s)	2	(s)	0	0	(s)	2	(s)
Trinidad and Tobago	0	16	0	0	0	0	0	1	(s)	(s)	(s)	1	18	1
Turkey	0	0	0	0	(s)	0	0	1	0	45	0	0	47	2
United Arab Emirates	0	0	0	0	0	0	0	1	0	58	0	(s)	58	2
United Kingdom	0	2	0	0	1	0	0	11	(s)	35	0	144	192	6
U.S.S.R.	0	0	0	0	0	0	0	114	0	204	0	3	322	10
Uruguay	0	0	0	0	0	0	0	2	(s)	0	0	(s)	2	(s)
Venezuela	0	(s)	0	0	(s)	0	(s)	1	(s)	23	0	(s)	26	1
Virgin Islands	5,563	1	0	0	0	264	0	(s)	0	0	0	1	5,829	188
West Germany	0	1	0	0	(s)	0	(s)	2	58	96	0	13	170	5
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Other	0	10	0	0	0	0	(s)	9	(s)	7	(s)	4	29	1
Total	10,496	656	12	28	5	2,020	12	714	82	2,754	11	504	17,294	558

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, February 1981
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	1	13	(s)	45	(s)	1	61	2
Australia	0	0	0	0	0	0	4	9	2	80	(s)	3	98	3
Bahamas	0	(s)	(s)	0	0	0	0	2	0	0	0	(s)	3	(s)
Bahrain	0	0	0	0	0	0	0	(s)	0	17	0	(s)	17	1
Belgium & Luxembourg	0	(s)	0	0	0	0	0	2	(s)	641	(s)	(s)	644	23
Brazil	0	1	0	0	0	0	(s)	3	(s)	23	0	1	29	1
Cameroon	0	0	0	0	0	0	0	0	0	25	0	0	25	1
Canada	2,541	19	0	0	(s)	137	3	88	3	156	2	25	2,972	106
Chile	0	(s)	0	0	0	0	(s)	2	1	(s)	(s)	1	4	(s)
China (Taiwan)	0	(s)	0	0	0	0	(s)	12	(s)	62	0	1	75	3
Colombia	0	2	0	0	0	0	(s)	14	(s)	0	0	1	17	1
Costa Rica	0	0	0	0	0	0	(s)	2	(s)	0	0	1	3	(s)
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	0	0	0	1	(s)
Dominican Republic	0	0	0	0	0	0	(s)	(s)	(s)	0	0	(s)	1	(s)
Ecuador	0	(s)	0	0	0	(s)	(s)	1	1	0	(s)	1	3	(s)
Egypt	0	(s)	0	0	0	0	14	2	0	0	0	1	17	1
El Salvador	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
France	0	(s)	0	0	0	0	0	1	1	615	0	69	687	25
French Pacific Isl	0	0	11	0	0	0	0	(s)	0	0	0	2	13	(s)
Ghana	0	0	0	0	0	0	0	3	0	0	0	(s)	4	(s)
Greece	0	0	0	0	0	0	0	(s)	0	88	0	0	88	3
Guatemala	0	(s)	0	0	0	0	0	3	1	0	0	1	6	(s)
Guinea	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Honduras	0	0	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Hong Kong	0	1	0	0	0	0	0	2	(s)	0	(s)	2	4	(s)
India	0	0	0	0	0	0	0	10	(s)	0	0	1	12	(s)
Indonesia	0	0	0	0	0	0	(s)	17	(s)	0	0	8	26	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
Italy	0	1	0	0	0	487	(s)	1	(s)	190	0	99	779	28
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Jamaica	0	(s)	0	0	0	0	0	(s)	0	0	0	1	1	(s)
Japan	0	8	0	(s)	151	0	3	13	4	618	0	3	801	29
Jordan	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Korea, Republic of	0	1	0	0	0	0	(s)	3	(s)	8	0	100	112	4
Kuwait	0	0	0	0	0	0	(s)	3	0	0	0	1	4	(s)
Lebanon	0	(s)	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Liberia	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	(s)	0	2	(s)
Mexico	0	508	8	21	0	0	2	68	9	48	(s)	7	672	24
Netherlands	0	2	0	0	0	0	(s)	2	(s)	1,096	0	167	1,267	45
Netherlands Antilles	0	1	0	0	0	0	0	4	(s)	0	0	8	13	(s)
New Zealand	0	1	0	0	0	0	1	1	(s)	(s)	(s)	5	7	(s)
Nicaragua	0	0	0	0	0	0	0	2	(s)	0	(s)	(s)	3	(s)
Nigeria	0	0	0	0	0	0	0	2	0	0	0	2	4	(s)
Norway	0	0	0	0	0	0	0	1	(s)	124	0	(s)	125	4
Pacific Trust Terr.	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Panama	0	(s)	0	0	0	0	(s)	2	(s)	(s)	(s)	(s)	2	(s)
Peru	0	0	0	0	0	0	0	1	0	(s)	0	(s)	2	(s)
Philippines	0	1	0	0	0	0	0	7	(s)	0	0	1	8	(s)

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, February 1981
(Thousands of Barrels)
(continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	260	6	0	0	314	366	(s)	19	2	31	0	7	1,005	36
Rep. of South Africa	0	0	0	0	0	0	0	11	2	82	0	4	99	4
Saudi Arabia	0	4	0	0	0	0	(s)	26	0	0	(s)	3	34	1
Singapore	0	0	0	0	0	1,624	(s)	5	(s)	0	(s)	1	1,630	58
Spain	0	0	0	0	0	0	0	1	(s)	132	0	2	135	5
Surinam	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	1	(s)
Sweden	0	(s)	0	0	0	0	0	2	(s)	0	0	90	91	3
Switzerland	0	(s)	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
Thailand	0	13	0	0	0	0	0	2	(s)	0	0	3	18	1
Trinidad and Tobago	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Turkey	0	0	0	0	0	0	0	(s)	0	24	0	(s)	24	1
United Arab Emirates	0	(s)	0	0	0	0	(s)	56	0	60	0	(s)	116	4
United Kingdom	0	4	0	0	0	0	(s)	5	(s)	0	0	117	127	5
U.S.S.R.	0	0	0	0	0	0	0	73	0	102	0	0	175	6
Uruguay	0	0	0	0	0	0	0	4	0	0	0	(s)	4	(s)
Venezuela	0	1	0	0	0	0	(s)	1	1	62	1	8	73	3
Virgin Islands	2,742	0	0	0	0	885	0	0	0	0	0	0	3,627	130
West Germany	0	1	0	0	(s)	0	0	1	1	28	0	66	98	3
Yugoslavia	0	0	0	0	0	0	0	1	0	36	0	(s)	38	1
Other	0	1	0	0	0	0	(s)	19	(s)	(s)	(s)	4	25	1
Total	5,543	580	19	21	465	3,499	29	529	32	4,394	4	820	15,936	569

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, [illegible]
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	(s)	0	(s)	8	(s)	0	0	146	155	5
Australia	0	2	0	0	0	0	6	9	(s)	56	(s)	3	76	2
Bahamas	0	1	1	0	(s)	0	(s)	1	0	0	0	1	4	(s)
Bahrain	0	0	0	0	0	0	(s)	(s)	0	68	0	0	68	2
Belgium & Luxembourg	0	9	0	0	0	0	0	47	(s)	403	(s)	3	463	15
Brazil	0	8	0	0	0	0	0	4	(s)	(s)	0	1	14	(s)
Cameroon	0	0	0	0	0	0	0	(s)	0	25	0	0	25	1
Canada	311	11	(s)	0	1	101	3	51	3	112	2	57	652	21
Chile	0	(s)	0	0	0	0	1	3	(s)	1	(s)	3	9	(s)
China (Taiwan)	0	0	0	0	0	762	(s)	17	(s)	0	0	2	781	25
Colombia	0	0	0	0	0	0	(s)	4	(s)	0	0	7	12	(s)
Costa Rica	0	(s)	0	0	0	0	(s)	4	(s)	0	(s)	(s)	5	(s)
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	94	0	(s)	94	3
Dominican Republic	0	(s)	0	0	0	0	(s)	2	1	22	0	(s)	25	1
Ecuador	0	0	0	0	0	0	(s)	1	(s)	0	0	2	3	(s)
Egypt	0	0	0	0	0	0	0	2	0	46	(s)	11	59	2
El Salvador	0	0	0	0	0	0	0	25	(s)	0	(s)	(s)	26	1
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
France	0	(s)	0	0	(s)	0	(s)	1	2	22	0	420	446	14
French Pacific Isl	0	0	7	0	0	0	(s)	2	0	0	0	(s)	9	(s)
Ghana	0	0	0	0	0	0	(s)	(s)	0	89	0	0	89	3
Greece	0	0	0	0	0	0	0	(s)	0	135	0	(s)	136	4
Guatemala	0	0	0	0	0	0	2	4	2	0	0	(s)	8	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Honduras	0	0	0	0	0	0	(s)	4	0	0	0	(s)	4	(s)
Hong Kong	0	1	0	0	0	0	(s)	2	(s)	0	(s)	(s)	4	(s)
India	0	0	0	0	0	0	(s)	1	(s)	67	0	11	79	3
Indonesia	0	1	0	0	0	0	(s)	16	0	0	1	1	19	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	(s)	(s)	(s)	0	0	(s)	1	(s)
Italy	0	1	0	0	0	1,296	0	1	1	336	0	136	1,770	57
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Jamaica	0	0	0	0	0	0	(s)	34	(s)	0	0	(s)	34	1
Japan	0	7	0	(s)	0	0	11	64	2	1,334	(s)	4	1,421	46
Jordan	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Korea, Republic of	0	5	0	0	0	0	1	7	1	46	0	1	61	2
Kuwait	0	(s)	0	0	0	0	0	(s)	0	0	1	1	2	(s)
Lebanon	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Liberia	0	0	0	0	0	0	(s)	2	0	0	0	(s)	3	(s)
Malaysia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Mexico	0	491	6	10	3	0	13	102	11	88	(s)	14	739	24
Netherlands	0	2	0	0	0	0	10	15	1	0	0	74	102	3
Netherlands Antilles	0	(s)	0	0	0	0	(s)	1	(s)	0	(s)	146	148	5
New Zealand	0	0	0	0	0	0	(s)	(s)	(s)	0	0	(s)	(s)	(s)
Nicaragua	0	0	0	0	0	0	4	10	0	0	0	(s)	14	(s)
Nigeria	0	0	0	0	0	0	0	(s)	0	0	0	2	2	(s)
Norway	0	0	0	0	0	0	0	(s)	(s)	17	0	(s)	17	1
Pacific Trust Terr	0	0	0	0	0	0	0	(s)	0	0	8	(s)	8	(s)
Panama	0	0	0	0	0	0	(s)	10	(s)	0	0	1	11	(s)
Peru	0	(s)	0	0	0	0	0	8	1	0	0	1	10	(s)
Philippines	0	0	0	0	0	0	(s)	6	(s)	0	0	(s)	7	(s)

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, March 1981
(Thousands of Barrels)

(continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,859	30	0	0	(s)	680	431	25	4	31	(s)	15	3,074	99
Rep. of South Africa	0	(s)	0	0	0	0	(s)	2	2	28	(s)	152	185	6
Saudi Arabia	0	6	0	0	0	0	1	27	0	(s)	(s)	4	38	1
Singapore	0	0	0	0	0	0	(s)	2	(s)	0	(s)	1	3	(s)
Spain	0	(s)	0	0	0	0	0	2	(s)	285	(s)	91	378	12
Surinam	0	0	0	0	0	0	0	1	0	29	(s)	(s)	30	1
Sweden	0	0	0	0	0	0	0	8	(s)	0	0	4	11	(s)
Switzerland	0	1	0	0	0	0	0	(s)	(s)	0	0	1	3	(s)
Thailand	0	33	0	0	0	0	0	2	(s)	0	0	1	36	1
Trinidad and Tobago	0	(s)	0	0	0	0	0	4	(s)	0	(s)	1	5	(s)
Turkey	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
United Arab Emirates	0	0	0	0	0	0	0	169	0	0	0	1	171	6
United Kingdom	0	(s)	0	0	(s)	0	0	39	(s)	78	1	7	126	4
U.S.S.R.	0	0	0	0	0	0	0	69	0	105	0	0	173	6
Uruguay	0	(s)	0	0	0	0	(s)	3	0	0	0	(s)	3	(s)
Venezuela	0	3	(s)	0	0	0	2	3	1	31	0	1	41	1
Virgin Islands	3,841	1	0	0	0	1,645	0	0	0	0	0	(s)	5,488	177
West Germany	0	0	0	0	0	0	(s)	23	19	142	(s)	5	189	6
Yugoslavia	0	0	0	0	0	0	0	0	0	33	0	0	33	1
Other	508	7	0	0	0	0	(s)	38	1	0	(s)	6	561	18
Total	6,519	622	14	10	6	4,484	486	892	54	3,722	14	1,346	18,169	586

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, April 1981
(Thousands of Barrels)

Destination	Crude Oil[1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	16	1	41	(s)	4	62	2
Australia	0	3	0	0	0	0	(s)	21	1	76	(s)	4	105	4
Bahamas	0	3	1	0	(s)	(s)	(s)	1	0	0	0	(s)	5	(s)
Bahrain	0	0	0	0	0	0	(s)	(s)	(s)	0	(s)	(s)	1	(s)
Belgium & Luxembourg	0	1	0	0	0	0	0	2	(s)	332	0	(s)	334	11
Brazil	0	0	0	0	0	0	0	35	(s)	1	0	3	40	1
Cameroon	0	0	0	0	0	0	0	0	0	32	0	(s)	32	1
Canada	929	11	0	0	1	48	2	51	3	384	2	64	1,494	50
Chile	0	1	0	0	0	0	(s)	2	1	(s)	0	1	5	(s)
China (Taiwan)	0	(s)	0	0	0	0	1	12	(s)	(s)	0	1	14	(s)
Colombia	0	(s)	0	0	0	0	(s)	1	(s)	0	0	2	3	(s)
Costa Rica	0	0	0	0	0	0	0	3	(s)	0	0	(s)	3	(s)
Denmark	0	1	0	0	0	0	0	(s)	(s)	113	0	(s)	114	4
Dominican Republic	0	(s)	0	0	0	0	0	1	0	(s)	0	(s)	1	(s)
Ecuador	0	1	0	0	0	0	0	(s)	(s)	0	(s)	1	2	(s)
Egypt	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
El Salvador	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Finland	0	0	0	0	0	0	0	1	0	0	0	1	1	(s)
France	0	(s)	0	0	0	0	0	1	2	598	(s)	183	784	26
French Pacific Isl	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Ghana	0	0	0	0	0	0	0	1	0	16	0	(s)	16	1
Greece	0	1	0	0	0	0	(s)	1	0	93	0	1	96	3
Guatemala	0	(s)	0	0	0	0	(s)	2	1	0	(s)	(s)	4	(s)
Guinea	0	0	0	0	0	0	0	2	0	0	0	0	2	(s)
Honduras	0	(s)	0	0	0	0	2	1	(s)	0	0	(s)	3	(s)
Hong Kong	0	1	0	0	0	352	(s)	2	(s)	0	2	(s)	356	12
India	0	(s)	0	0	0	0	(s)	2	(s)	0	(s)	(s)	3	(s)
Indonesia	0	0	0	0	0	0	(s)	11	0	0	0	1	12	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	2	0	0	0	0	0	1	(s)	0	0	(s)	3	(s)
Italy	0	(s)	0	0	0	478	0	7	(s)	322	(s)	122	930	31
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Jamaica	0	(s)	0	0	(s)	0	0	(s)	1	0	0	(s)	2	(s)
Japan	0	4	0	0	9	2	3	40	18	379	(s)	41	495	17
Jordan	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Korea, Republic of	0	1	0	0	0	0	(s)	2	(s)	214	0	5	222	7
Kuwait	0	0	0	0	0	0	(s)	1	0	0	1	0	2	(s)
Lebanon	0	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)
Liberia	0	0	0	0	0	0	0	3	0	0	0	(s)	3	(s)
Malaysia	0	0	0	0	0	0	1	1	(s)	0	0	(s)	2	(s)
Mexico	0	679	8	18	0	(s)	8	93	7	78	(s)	9	900	30
Netherlands	0	1	0	0	0	0	(s)	2	(s)	320	(s)	153	476	16
Netherlands Antilles	0	(s)	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
New Zealand	0	1	0	0	0	0	0	2	(s)	98	0	1	101	3
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Nigeria	0	0	0	0	(s)	0	(s)	(s)	0	0	0	2	2	(s)
Norway	0	(s)	0	0	0	0	0	(s)	0	131	0	(s)	131	4
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	6	(s)	7	(s)
Panama	0	1	0	0	89	0	(s)	2	(s)	(s)	(s)	1	93	3
Peru	0	(s)	0	0	0	0	0	4	(s)	0	0	(s)	5	(s)
Philippines	0	1	0	0	0	0	(s)	14	(s)	0	0	2	16	1

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, April 1981
(Thousands of Barrels)

(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,613	9	(s)	0	0	232	225	17	(s)	0	(s)	7	2,103	70
Rep. of South Africa	0	1	0	0	0	0	(s)	32	4	0	(s)	147	184	6
Saudi Arabia	0	8	0	0	0	(s)	0	22	0	0	(s)	4	34	1
Singapore	0	1	0	0	0	1,116	1	4	0	0	1	1	1,124	37
Spain	0	0	0	0	0	384	0	1	(s)	408	0	85	878	29
Surinam	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Sweden	0	(s)	0	0	0	0	0	2	(s)	0	1	2	6	(s)
Switzerland	0	(s)	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
Thailand	0	19	0	0	0	0	(s)	4	(s)	(s)	0	(s)	24	1
Trinidad and Tobago	0	0	0	0	0	0	0	2	(s)	2	(s)	(s)	4	(s)
Turkey	0	0	0	0	0	0	0	1	(s)	0	0	3	4	(s)
United Arab Emirates	0	(s)	0	0	0	0	0	42	0	0	3	1	46	2
United Kingdom	0	9	0	0	1	0	(s)	2	(s)	(s)	(s)	4	16	1
U.S.S.R.	0	0	0	0	0	0	0	69	0	129	0	(s)	198	7
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	2	0	0	0	0	(s)	2	(s)	107	(s)	2	113	4
Virgin Islands	3,389	1	0	0	0	1,916	0	1	0	0	0	(s)	5,307	177
West Germany	0	(s)	0	0	(s)	0	(s)	3	1	90	0	9	103	3
Yugoslavia	0	0	0	0	0	0	0	1	(s)	30	0	(s)	31	1
Other	0	4	1	0	0	0	(s)	14	(s)	0	(s)	4	24	1
Total	5,931	768	9	18	101	4,529	246	564	42	3,995	18	872	17,093	570

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, May 1981
(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	0	0	0	0	0	0	26	1	50	0	1	77	2
Australia	0	2	0	0	0	0	(s)	7	(s)	36	(s)	225	271	9
Bahamas	0	(s)	1	0	1	0	(s)	2	0	0	0	(s)	4	(s)
Bahrain	0	0	0	0	0	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Belgium & Luxembourg	0	1	0	0	0	0	0	14	(s)	615	0	1	631	20
Brazil	0	4	(s)	0	0	0	(s)	13	(s)	0	0	3	20	1
Cameroon	0	0	0	0	0	0	0	1	(s)	0	0	0	1	(s)
Canada	2,114	12	1	(s)	0	49	4	69	4	802	1	86	3,142	101
Chile	0	(s)	0	0	0	0	1	39	(s)	(s)	(s)	2	42	1
China (Taiwan)	0	1	0	0	0	0	(s)	16	1	(s)	0	5	23	1
Colombia	0	1	0	0	0	0	1	12	(s)	(s)	0	1	16	1
Costa Rica	0	0	0	0	0	0	(s)	3	1	0	0	1	4	(s)
Denmark	0	(s)	0	0	0	0	(s)	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	2	(s)
Ecuador	0	0	0	0	0	0	(s)	(s)	1	0	0	1	2	(s)
Egypt	0	(s)	0	0	0	0	0	6	0	0	0	2	7	(s)
El Salvador	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
France	0	1	0	0	0	0	0	2	3	72	(s)	144	221	7
French Pacific Isl	0	0	13	0	0	0	(s)	(s)	0	0	0	(s)	14	(s)
Ghana	0	0	0	0	0	0	(s)	(s)	0	23	0	(s)	23	1
Greece	0	0	0	0	0	0	0	(s)	0	140	0	(s)	141	5
Guatemala	0	(s)	0	0	0	0	(s)	6	4	0	(s)	1	12	(s)
Guinea	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Honduras	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	2	(s)
Hong Kong	0	2	0	0	0	0	(s)	1	1	0	0	(s)	4	(s)
India	0	0	0	0	0	0	0	2	(s)	0	(s)	1	3	(s)
Indonesia	0	0	0	0	0	0	(s)	13	(s)	0	(s)	(s)	14	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	0	0	0	0	0	(s)	1	2	0	0	(s)	3	(s)
Italy	0	1	0	0	0	0	3	2	1	327	(s)	279	613	20
Ivory Coast	0	0	0	0	0	0	0	4	0	0	0	(s)	4	(s)
Jamaica	0	(s)	0	0	0	0	(s)	28	0	0	(s)	(s)	29	1
Japan	0	5	0	0	0	0	(s)	7	3	1,167	0	17	1,200	39
Jordan	0	0	0	0	0	0	0	3	0	0	0	(s)	3	(s)
Korea, Republic of	0	(s)	0	0	0	363	1	4	1	(s)	0	71	439	14
Kuwait	0	(s)	0	0	0	0	1	2	0	0	0	1	5	(s)
Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Malaysia	0	0	0	0	0	0	0	(s)	(s)	0	(s)	(s)	1	(s)
Mexico	0	505	8	16	2	0	13	40	11	177	0	9	781	25
Netherlands	0	1	0	0	0	0	7	27	(s)	814	(s)	126	974	31
Netherlands Antilles	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
New Zealand	0	0	0	0	0	0	0	3	(s)	0	0	(s)	3	(s)
Nicaragua	0	0	0	0	0	0	0	3	0	0	0	0	3	(s)
Nigeria	0	0	0	0	0	0	(s)	16	0	0	(s)	2	18	1
Norway	0	0	0	0	0	0	0	3	(s)	122	0	(s)	125	4
Pacific Trust Terr	0	0	0	0	0	0	0	(s)	0	0	2	0	2	(s)
Panama	0	0	0	0	0	0	(s)	5	(s)	0	0	(s)	6	(s)
Peru	0	(s)	0	0	0	0	0	3	(s)	0	0	1	4	(s)
Philippines	0	0	0	0	0	0	0	1	1	0	0	(s)	2	(s)

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, May 1981 (Thousands of Barrels) (continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,780	12	0	0	(s)	(s)	224	20	2	53	0	12	2,104	68
Rep. of South Africa	0	3	0	0	0	0	0	1	3	101	0	13	121	4
Saudi Arabia	0	14	0	0	0	0	(s)	67	0	0	(s)	4	86	3
Singapore	0	0	0	0	0	144	(s)	2	(s)	0	(s)	2	147	5
Spain	0	1	0	0	0	0	0	1	(s)	360	0	47	410	13
Surinam	0	(s)	0	0	0	0	(s)	(s)	0	10	(s)	(s)	10	(s)
Sweden	0	0	0	0	0	0	0	9	(s)	0	2	2	13	(s)
Switzerland	0	(s)	0	0	0	0	0	1	(s)	0	(s)	(s)	1	(s)
Thailand	0	11	0	0	0	0	(s)	1	(s)	0	(s)	1	13	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	7	0	0	(s)	(s)	7	(s)
Turkey	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
United Arab Emirates	0	5	0	0	0	0	0	34	0	0	0	0	39	1
United Kingdom	0	3	0	0	1	0	(s)	54	(s)	62	(s)	4	123	4
U.S.S.R.	0	0	0	0	0	0	0	3	0	66	0	0	69	2
Uruguay	0	0	0	0	0	0	0	(s)	(s)	0	(s)	(s)	(s)	(s)
Venezuela	0	1	0	0	0	0	1	2	1	139	(s)	3	146	5
Virgin Islands	5,225	0	0	0	0	226	(s)	(s)	0	0	0	0	5,451	176
West Germany	0	4	0	0	0	0	(s)	10	22	74	(s)	109	219	7
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	1	1	(s)
Other	560	2	(s)	0	0	0	(s)	18	(s)	0	(s)	7	589	19
Total	9,679	591	23	17	3	781	258	622	65	5,211	8	1,190	18,448	595

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, June 1981
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	0	0	0	0	0	(s)	7	(s)	0	0	1	9	(s)
Australia	0	(s)	0	0	0	0	6	19	(s)	97	(s)	2	125	4
Bahamas	0	2	1	0	0	0	0	2	0	0	0	(s)	5	(s)
Bahrain	0	0	0	0	0	0	(s)	(s)	0	0	0	0	(s)	(s)
Belgium & Luxembourg	0	1	0	0	0	0	(s)	3	(s)	11	(s)	(s)	15	(s)
Brazil	0	4	0	0	0	0	7	8	(s)	1	0	2	22	1
Cameroon	0	0	0	0	0	0	0	0	0	27	0	0	27	1
Canada	270	6	0	0	1	470	6	69	4	482	2	136	1,445	48
Chile	0	2	0	0	(s)	0	(s)	5	(s)	(s)	(s)	1	8	(s)
China (Taiwan)	0	1	0	0	0	421	0	16	(s)	46	(s)	2	487	16
Colombia	0	1	0	0	0	0	0	10	1	0	0	1	12	(s)
Costa Rica	0	0	0	0	0	0	0	4	(s)	0	0	1	5	(s)
Denmark	0	0	0	0	0	0	0	(s)	0	0	0	1	1	(s)
Dominican Republic	0	(s)	0	0	0	0	0	1	1	1	0	1	3	(s)
Ecuador	0	(s)	0	0	0	0	2	1	(s)	0	(s)	4	7	(s)
Egypt	0	0	0	0	0	0	0	(s)	0	48	0	1	49	2
El Salvador	0	(s)	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
France	0	(s)	1	0	0	0	(s)	1	1	108	0	5	116	4
French Pacific Isl	0	0	10	0	0	0	0	2	(s)	0	0	1	13	(s)
Ghana	0	0	0	0	0	0	(s)	3	0	28	0	(s)	32	1
Greece	0	0	0	0	0	0	0	(s)	0	72	0	(s)	72	2
Guatemala	0	1	0	0	0	0	0	3	3	0	0	1	9	(s)
Guinea	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Honduras	0	(s)	(s)	0	0	0	0	3	(s)	0	0	(s)	4	(s)
Hong Kong	0	1	0	0	7	7	(s)	2	1	0	0	2	19	1
India	0	0	0	0	0	0	(s)	(s)	(s)	0	0	12	12	(s)
Indonesia	0	0	0	0	0	0	(s)	7	(s)	0	(s)	2	9	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Italy	0	3	0	0	(s)	0	10	1	(s)	482	(s)	30	527	18
Ivory Coast	0	(s)	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Jamaica	0	0	0	0	0	0	(s)	7	(s)	0	0	1	9	(s)
Japan	0	2	0	(s)	0	0	7	70	2	777	0	17	876	29
Jordan	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Korea, Republic of	0	1	0	0	0	0	1	4	(s)	1	1	1	9	(s)
Kuwait	0	1	0	0	0	0	0	1	0	0	0	(s)	2	(s)
Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0	1	0	0	0	2	3	(s)
Malaysia	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Mexico	0	623	8	12	0	0	4	80	6	15	1	9	758	25
Netherlands	0	(s)	0	0	0	0	6	2	1	637	(s)	40	686	23
Netherlands Antilles	0	1	0	0	0	0	0	1	0	0	(s)	(s)	2	(s)
New Zealand	0	0	0	0	0	0	0	1	(s)	0	(s)	(s)	1	(s)
Nicaragua	0	0	0	0	0	0	0	42	0	0	0	(s)	42	1
Nigeria	0	0	0	0	0	0	1	(s)	0	0	0	4	5	(s)
Norway	0	0	0	0	0	0	0	(s)	0	66	1	(s)	67	2
Pacific Trust Terr	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	0	0	0	0	0	(s)	3	0	0	0	1	4	(s)
Peru	0	(s)	0	0	0	0	(s)	1	(s)	0	(s)	(s)	2	(s)
Philippines	0	32	0	0	0	(s)	(s)	(s)	(s)	0	(s)	2	34	1

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, June 1981 (Thousands of Barrels)

(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,478	10	0	0	7	172	661	20	2	33	0	6	2,389	80
Rep. of South Africa	0	1	0	0	0	0	0	5	2	0	(s)	2	11	(s)
Saudi Arabia	0	1	0	0	(s)	0	(s)	73	0	1	0	5	80	3
Singapore	0	(s)	0	0	0	0	0	2	(s)	15	0	1	19	1
Spain	0	0	0	0	0	433	0	(s)	(s)	175	0	1	610	20
Surinam	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Sweden	0	0	0	0	0	0	0	1	(s)	121	0	2	125	4
Switzerland	0	(s)	0	0	0	0	0	1	(s)	0	(s)	(s)	2	(s)
Thailand	0	(s)	0	0	0	0	0	3	(s)	0	0	82	84	3
Trinidad and Tobago	0	0	0	0	0	0	0	1	0	(s)	0	(s)	1	(s)
Turkey	0	0	0	0	0	0	(s)	6	0	0	0	115	121	4
United Arab Emirates	0	0	0	0	0	0	(s)	6	0	0	0	(s)	6	(s)
United Kingdom	0	0	0	0	(s)	0	0	1	1	275	0	2	279	9
U.S.S.R.	0	0	0	0	0	0	0	29	0	66	0	0	95	3
Uruguay	0	0	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Venezuela	0	6	0	0	0	0	(s)	(s)	(s)	24	0	2	32	1
Virgin Islands	1,950	7	0	0	0	762	0	(s)	0	0	0	0	2,718	91
West Germany	0	1	0	0	0	0	0	2	1	433	(s)	10	448	15
Yugoslavia	0	0	0	0	0	0	0	(s)	0	30	0	(s)	30	1
Other	0	2	0	0	0	0	(s)	9	(s)	(s)	(s)	7	19	1
Total	3,698	711	19	13	15	2,266	713	550	27	4,076	6	518	12,611	420

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, July 1981
(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	7	1	42	(s)	(s)	50	2
Australia	0	1	0	0	0	0	2	11	2	49	(s)	22	87	3
Bahamas	0	(s)	(s)	0	0	0	0	1	0	0	0	1	3	(s)
Bahrain	0	0	0	0	0	0	0	(s)	0	66	0	0	66	2
Belgium & Luxembourg	0	(s)	0	0	0	0	0	2	(s)	590	(s)	(s)	594	19
Brazil	0	0	0	0	0	0	(s)	12	0	1	0	1	14	(s)
Cameroon	0	0	0	0	0	0	0	(s)	0	25	0	0	25	1
Canada	1,944	10	3	0	1	111	4	61	1	801	1	58	2,995	97
Chile	0	(s)	0	(s)	0	0	(s)	4	(s)	(s)	0	1	7	(s)
China (Taiwan)	0	(s)	0	0	0	330	(s)	7	(s)	(s)	0	1	338	11
Colombia	0	1	0	0	0	0	0	14	(s)	0	0	(s)	15	(s)
Costa Rica	0	(s)	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Denmark	0	1	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	1	0	0	0	0	(s)	1	(s)	0	0	(s)	3	(s)
Ecuador	0	(s)	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
Egypt	0	0	0	0	0	0	0	2	0	75	(s)	1	78	3
El Salvador	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
France	0	1	1	0	1	0	0	1	1	509	(s)	64	577	19
French Pacific Isl	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Ghana	0	0	0	0	0	0	0	4	(s)	56	(s)	(s)	61	2
Greece	0	2	0	0	0	0	0	(s)	0	136	0	(s)	138	4
Guatemala	0	0	0	0	0	0	1	4	4	0	0	(s)	9	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	(s)	0	0	0	0	1	0	0	0	0	1	(s)
Hong Kong	0	1	0	0	0	0	0	1	(s)	0	0	(s)	3	(s)
India	0	0	0	0	0	0	0	26	(s)	0	0	5	31	1
Indonesia	0	0	0	0	0	0	0	12	0	0	(s)	1	12	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Israel	0	(s)	0	0	0	0	(s)	(s)	(s)	(s)	0	(s)	1	(s)
Italy	0	0	0	0	0	0	(s)	(s)	(s)	184	0	83	268	9
Ivory Coast	0	0	0	0	0	0	0	3	0	(s)	0	0	4	(s)
Jamaica	0	(s)	0	0	0	0	(s)	1	(s)	0	(s)	(s)	2	(s)
Japan	0	4	0	0	17	320	4	5	2	802	0	75	1,229	40
Jordan	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	0	0	0	1	225	(s)	4	(s)	230	0	67	527	17
Kuwait	0	(s)	0	0	0	0	0	(s)	0	1	0	(s)	1	(s)
Lebanon	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Liberia	0	(s)	0	0	0	0	0	6	0	0	0	1	7	(s)
Malaysia	0	0	0	0	0	0	0	2	(s)	0	0	(s)	2	(s)
Mexico	0	448	8	20	0	0	5	66	4	54	(s)	7	611	20
Netherlands	0	(s)	0	0	0	0	(s)	37	(s)	127	0	86	251	8
Netherlands Antilles	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
New Zealand	0	(s)	0	0	0	0	5	6	(s)	(s)	0	1	12	(s)
Nicaragua	0	0	0	0	0	0	0	1	0	0	(s)	(s)	1	(s)
Nigeria	0	1	0	0	0	0	0	37	0	0	0	2	40	1
Norway	0	0	0	0	0	0	0	1	(s)	110	0	(s)	111	4
Pacific Trust Terr	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	0	(s)	0	45	0	(s)	2	(s)	0	0	(s)	47	2
Peru	0	0	0	0	0	0	(s)	3	(s)	(s)	0	1	4	(s)
Philippines	0	1	0	0	0	0	(s)	12	1	1	(s)	83	98	3

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, July 1981
(Thousands of Barrels)

(continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	911	26	0	0	8	791	269	10	1	37	0	11	2,063	67
Rep. of South Africa	0	1	0	0	(s)	0	(s)	2	7	28	0	137	174	6
Saudi Arabia	0	1	0	0	0	0	(s)	27	0	1	0	8	37	1
Singapore	0	(s)	0	0	0	768	0	4	(s)	0	(s)	1	774	25
Spain	0	(s)	0	0	0	0	0	1	(s)	131	0	86	218	7
Surinam	0	0	0	0	0	0	(s)	(s)	0	10	0	(s)	11	(s)
Sweden	0	(s)	0	0	(s)	0	0	1	(s)	0	(s)	86	88	3
Switzerland	0	3	0	0	0	0	0	(s)	(s)	0	0	(s)	3	(s)
Thailand	0	0	0	0	0	0	0	3	(s)	0	(s)	1	4	(s)
Trinidad and Tobago	0	(s)	0	0	0	0	0	3	0	0	0	(s)	3	(s)
Turkey	0	0	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
United Arab Emirates	0	0	0	0	0	0	0	3	0	53	0	0	55	2
United Kingdom	0	2	0	0	(s)	0	0	2	(s)	135	(s)	3	142	5
U.S.S.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	31	0	0	0	0	(s)	1	(s)	103	(s)	2	137	4
Virgin Islands	5,121	0	0	0	0	0	0	0	0	0	0	0	5,121	165
West Germany	0	0	0	0	0	0	0	2	17	458	0	18	495	16
Yugoslavia	0	0	0	0	0	0	0	(s)	0	30	0	0	30	1
Other	0	2	0	0	(s)	0	(s)	15	(s)	(s)	(s)	3	21	1
Total	7,976	540	12	20	72	2,546	292	443	46	4,841	3	922	17,713	571

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	6	(s)	46	(s)	1	53	2
Australia	0	1	0	0	0	0	(s)	2	(s)	56	(s)	6	66	2
Bahamas	0	1	1	(s)	(s)	185	0	1	0	0	0	(s)	188	6
Bahrain	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)	(s)
Belgium & Luxembourg	0	1	0	0	0	0	0	12	(s)	520	(s)	1	535	17
Brazil	0	4	0	0	0	0	(s)	3	(s)	0	0	2	10	(s)
Cameroon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Canada	852	4,049	80	0	(s)	1	3	72	1	622	3	76	5,759	186
Chile	0	(s)	0	0	0	0	1	6	(s)	0	0	1	8	(s)
China (Taiwan)	0	(s)	0	0	1	0	(s)	12	(s)	1	0	1	15	(s)
Colombia	0	1	0	0	0	0	(s)	4	(s)	68	0	1	74	2
Costa Rica	0	(s)	0	0	0	0	0	3	(s)	0	0	1	3	(s)
Denmark	0	0	0	0	0	0	0	(s)	(s)	94	0	(s)	94	3
Dominican Republic	0	(s)	0	0	0	0	(s)	1	(s)	1	0	(s)	2	(s)
Ecuador	0	0	0	0	0	0	(s)	1	(s)	0	(s)	1	3	(s)
Egypt	0	0	0	0	0	0	0	3	(s)	0	0	(s)	3	(s)
El Salvador	0	(s)	0	0	0	0	(s)	2	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	0	82	(s)	(s)	83	3
France	0	0	0	0	(s)	0	0	1	1	320	(s)	125	447	14
French Pacific Isl	0	0	0	0	0	303	(s)	1	0	0	(s)	0	304	10
Ghana	0	0	0	0	0	0	0	2	0	33	0	0	35	1
Greece	0	(s)	0	0	0	0	0	1	0	138	0	1	139	4
Guatemala	0	0	0	0	0	0	1	4	2	0	0	1	8	(s)
Guinea	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Honduras	0	0	(s)	0	0	0	(s)	4	(s)	0	0	1	5	(s)
Hong Kong	7	1	0	0	0	0	(s)	2	(s)	0	(s)	1	11	(s)
India	0	0	0	0	0	0	0	1	(s)	0	(s)	5	5	(s)
Indonesia	0	1	0	0	0	0	0	9	0	0	(s)	(s)	10	(s)
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	(s)	0	0	0	0	0	(s)	0	(s)	0	1	1	(s)
Italy	0	1	0	0	0	0	(s)	1	1	420	0	70	492	16
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Jamaica	0	0	0	0	0	0	(s)	30	(s)	0	(s)	(s)	31	1
Japan	0	4	0	0	0	0	(s)	36	3	971	0	33	1,047	34
Jordan	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Korea, Republic of	0	1	0	0	0	(s)	(s)	2	1	1	3	4	12	(s)
Kuwait	0	1	0	0	0	0	0	5	0	0	0	1	7	(s)
Lebanon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Liberia	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Malaysia	0	0	0	0	0	0	0	(s)	(s)	0	0	100	101	3
Mexico	0	477	6	22	0	0	11	52	1	18	0	7	595	19
Netherlands	0	(s)	0	0	0	0	5	28	(s)	126	0	48	207	7
Netherlands Antilles	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
New Zealand	0	0	0	0	0	0	(s)	(s)	(s)	80	0	(s)	81	3
Nicaragua	0	(s)	0	0	0	0	0	1	0	0	(s)	(s)	2	(s)
Nigeria	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Norway	0	(s)	0	0	0	0	0	(s)	0	30	0	(s)	31	1
Pacific Trust Terr	0	(s)	0	0	0	0	0	(s)	0	0	(s)	0	1	(s)
Panama	0	1	0	0	0	0	0	7	(s)	0	0	(s)	8	(s)
Peru	0	(s)	0	0	(s)	0	0	6	(s)	(s)	0	1	8	(s)
Philippines	0	0	0	0	0	0	(s)	3	(s)	0	(s)	1	4	(s)

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, August 1981 (Thousands of Barrels) (continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	2,188	23	0	0	3	858	778	13	1	30	(s)	11	3,906	126
Rep. of South Africa	0	0	0	0	0	0	(s)	2	5	91	(s)	6	104	3
Saudi Arabia	0	6	0	0	0	0	0	53	0	2	(s)	7	68	2
Singapore	0	(s)	0	0	0	476	1	2	(s)	0	0	3	482	16
Spain	0	(s)	0	0	0	313	0	(s)	(s)	359	0	111	784	25
Surinam	0	(s)	0	0	0	0	0	1	0	10	0	(s)	11	(s)
Sweden	0	0	0	0	0	0	0	1	(s)	232	0	1	233	8
Switzerland	0	1	0	0	0	0	0	1	(s)	0	(s)	(s)	2	(s)
Thailand	0	1	0	0	0	0	0	1	(s)	12	0	1	15	(s)
Trinidad and Tobago	0	1	0	0	0	0	0	4	0	0	0	1	6	(s)
Turkey	0	0	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
United Arab Emirates	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
United Kingdom	0	1	0	(s)	1	0	0	16	(s)	43	(s)	4	65	2
U.S.S.R.	0	0	0	0	0	0	0	31	0	0	0	0	31	1
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	44	0	0	0	0	2	1	(s)	40	0	2	88	3
Virgin Islands	3,273	0	0	0	0	0	0	(s)	0	0	0	0	3,273	106
West Germany	0	(s)	0	0	1	0	4	6	1	297	0	26	334	11
Yugoslavia	0	0	0	0	0	0	0	(s)	0	33	0	(s)	33	1
Other	0	8	0	0	0	0	(s)	11	(s)	1	(s)	3	23	1
Total	6,320	4,633	87	22	7	2,138	808	476	20	4,775	9	667	19,961	644

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, September 1981
(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	14	(s)	0	(s)	110	124	4
Australia	0	5	0	0	0	0	5	10	(s)	68	(s)	3	92	3
Bahamas	0	(s)	1	0	0	(s)	0	2	0	0	0	(s)	3	(s)
Bahrain	0	(s)	0	0	0	0	0	(s)	0	74	0	(s)	74	2
Belgium & Luxembourg	0	(s)	0	0	0	0	0	5	(s)	0	0	1	7	(s)
Brazil	0	(s)	0	0	0	0	0	3	(s)	11	0	1	15	1
Cameroon	0	0	0	0	0	0	0	(s)	0	30	0	(s)	31	1
Canada	9	6	31	0	3	82	3	68	4	356	2	93	656	22
Chile	0	(s)	0	0	(s)	0	(s)	3	(s)	(s)	(s)	1	5	(s)
China (Taiwan)	0	0	0	0	0	0	(s)	7	(s)	1	0	1	9	(s)
Colombia	0	0	0	0	0	0	0	5	(s)	(s)	0	1	6	(s)
Costa Rica	0	0	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
Denmark	0	1	0	0	0	0	0	(s)	(s)	0	0	(s)	2	(s)
Dominican Republic	0	(s)	0	0	0	0	(s)	1	1	0	0	(s)	2	(s)
Ecuador	0	0	0	0	0	0	(s)	1	0	0	(s)	1	1	(s)
Egypt	0	2	0	0	0	0	0	1	(s)	49	0	(s)	52	2
El Salvador	0	0	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
France	0	2	0	0	0	0	(s)	1	(s)	534	(s)	109	646	22
French Pacific Isl	0	0	18	0	0	0	(s)	1	0	0	0	0	18	1
Ghana	0	0	0	0	0	0	0	1	0	57	0	0	58	2
Greece	0	(s)	0	0	0	0	(s)	(s)	0	77	0	(s)	78	3
Guatemala	0	1	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	(s)	0	0	0	0	0	3	(s)	(s)	0	(s)	3	(s)
Hong Kong	0	1	(s)	0	7	0	(s)	1	(s)	0	(s)	2	11	(s)
India	0	0	0	0	0	0	(s)	24	0	19	(s)	7	51	2
Indonesia	0	0	0	0	0	0	0	10	0	83	0	2	95	3
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	2	0	0	0	0	(s)	(s)	(s)	(s)	0	(s)	3	(s)
Italy	0	0	0	0	0	0	3	8	(s)	186	0	96	294	10
Ivory Coast	0	0	0	0	0	0	0	(s)	0	(s)	0	(s)	1	(s)
Jamaica	0	0	0	0	(s)	0	(s)	2	(s)	0	0	1	3	(s)
Japan	0	1	0	0	21	327	(s)	29	3	940	0	35	1,357	45
Jordan	0	0	0	0	0	0	0	2	0	0	0	0	2	(s)
Korea, Republic of	0	(s)	0	0	0	300	0	4	1	159	(s)	3	466	16
Kuwait	0	0	0	0	0	0	0	4	0	0	0	(s)	4	(s)
Lebanon	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Malaysia	0	0	0	0	0	0	0	(s)	0	19	0	(s)	19	1
Mexico	0	530	2	20	(s)	1	3	85	5	48	1	6	700	23
Netherlands	0	0	0	0	0	2,281	7	16	(s)	409	0	61	2,774	92
Netherlands Antilles	0	0	0	0	0	0	(s)	2	0	0	0	(s)	3	(s)
New Zealand	0	2	0	0	0	0	0	1	(s)	(s)	0	2	5	(s)
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	(s)	0	0	0	0	1	1	0	0	(s)	1	3	(s)
Norway	0	0	0	0	0	0	0	2	0	54	0	(s)	56	2
Pacific Trust Terr	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	(s)	0	0	0	0	(s)	4	0	0	0	(s)	4	(s)
Peru	0	(s)	0	0	0	0	0	1	(s)	0	0	2	3	(s)
Philippines	0	(s)	0	0	0	0	(s)	4	(s)	0	0	(s)	5	(s)

See footnotes at end of table

Table 21. Exports of Crude Oil and Petroleum Products by Destination, September 1981
(Thousands of Barrels)
(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	2,050	18	0	0	0	308	415	9	1	0	0	7	2,809	94
Rep. of South Africa	0	0	0	0	0	0	(s)	31	1	14	(s)	4	49	2
Saudi Arabia	0	1	0	0	(s)	0	(s)	18	0	0	(s)	6	25	1
Singapore	0	1	0	0	0	0	(s)	3	(s)	0	(s)	1	5	(s)
Spain	0	0	0	0	0	350	0	(s)	(s)	277	0	1	629	21
Surinam	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	1	(s)
Sweden	0	(s)	0	0	0	132	0	2	(s)	0	(s)	1	134	4
Switzerland	0	(s)	0	0	0	0	0	1	(s)	0	(s)	(s)	1	(s)
Thailand	0	(s)	0	0	0	0	0	1	(s)	0	0	1	2	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	(s)	0	(s)	0	(s)	1	(s)
Turkey	0	0	0	0	0	0	1	3	(s)	45	0	0	48	2
United Arab Emirates	0	(s)	0	0	0	0	0	1	0	0	0	(s)	1	(s)
United Kingdom	0	5	1	0	1	0	0	9	(s)	0	(s)	42	58	2
U.S.S.R.	0	0	0	0	0	0	0	12	0	0	0	0	12	(s)
Uruguay	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Venezuela	0	18	0	0	0	0	1	1	1	54	(s)	2	78	3
Virgin Islands	3,754	0	0	0	0	0	0	(s)	0	0	0	0	3,754	125
West Germany	0	(s)	0	0	(s)	0	0	14	1	147	(s)	3	165	5
Yugoslavia	0	0	0	0	0	0	0	0	0	17	0	(s)	17	1
Other	0	17	(s)	0	(s)	0	0	16	(s)	0	1	5	38	1
Total	5,813	616	52	20	32	3,781	439	454	20	3,731	5	615	15,578	519

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, October 1981
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri- cants	Wax	Petro- leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	13	(s)	43	0	(s)	57	2
Australia	0	(s)	0	0	0	0	12	2	(s)	67	(s)	2	84	3
Bahamas	0	(s)	(s)	1	0	79	0	1	0	0	0	(s)	82	3
Bahrain	0	3	0	0	0	0	0	(s)	0	0	0	0	3	(s)
Belgium & Luxembourg	0	2	0	0	0	0	0	47	(s)	61	0	1	110	4
Brazil	0	4	0	0	0	0	(s)	11	0	13	0	2	30	1
Cameroon	0	0	0	0	0	0	0	(s)	0	25	0	0	25	1
Canada	1,526	1,692	70	0	(s)	377	1	57	2	697	5	57	4,483	145
Chile	0	(s)	0	0	0	0	(s)	3	(s)	0	0	(s)	4	(s)
China (Taiwan)	0	(s)	0	0	0	0	0	6	(s)	1	0	2	8	(s)
Colombia	0	(s)	0	0	0	0	(s)	14	(s)	0	0	2	16	1
Costa Rica	0	(s)	0	0	0	0	0	2	0	0	(s)	1	3	(s)
Denmark	0	1	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	0	0	0	0	0	4	1	0	12	0	(s)	17	1
Ecuador	0	0	0	0	0	0	(s)	(s)	(s)	0	0	(s)	1	(s)
Egypt	0	0	0	0	0	0	0	3	0	0	0	(s)	3	(s)
El Salvador	0	(s)	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
France	0	(s)	0	(s)	0	387	0	1	1	211	(s)	118	719	23
French Pacific Isl	0	0	13	0	0	334	0	1	0	0	0	2	349	11
Ghana	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Greece	0	0	0	0	0	0	0	(s)	0	137	0	1	138	4
Guatemala	0	(s)	0	0	0	0	0	5	1	0	(s)	1	7	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	19	(s)	0	0	(s)	19	1
Hong Kong	0	2	0	0	0	0	(s)	1	0	1	(s)	(s)	4	(s)
India	0	1	0	0	0	0	(s)	1	0	0	0	1	3	(s)
Indonesia	0	0	0	0	0	0	(s)	29	(s)	0	(s)	4	34	1
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	1	0	0	0	0	(s)	(s)	0	0	0	(s)	1	(s)
Italy	0	1	0	0	(s)	241	(s)	1	1	523	0	186	953	31
Ivory Coast	0	0	0	0	0	0	0	6	0	0	0	0	6	(s)
Jamaica	0	0	0	0	(s)	0	(s)	19	0	0	0	16	35	1
Japan	0	6	0	0	21	327	8	31	2	1,060	0	4	1,460	47
Jordan	0	(s)	0	0	1	0	0	2	0	0	0	0	3	(s)
Korea, Republic of	0	1	0	0	0	247	(s)	2	1	(s)	3	2	254	8
Kuwait	0	2	0	0	0	0	0	1	0	0	(s)	(s)	3	(s)
Lebanon	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	0	0	5	0	0	0	(s)	5	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	0	1	1	(s)
Mexico	0	563	6	13	0	(s)	2	74	10	40	1	13	722	23
Netherlands	0	(s)	0	0	0	3,021	14	54	(s)	844	0	114	4,048	131
Netherlands Antilles	0	0	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
New Zealand	0	(s)	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
Nicaragua	0	0	0	0	0	0	1	2	0	0	0	(s)	3	(s)
Nigeria	0	1	0	0	0	0	(s)	33	0	0	0	1	34	1
Norway	0	0	0	0	0	0	0	1	0	131	0	(s)	132	4
Pacific Trust Terr	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	(s)	0	0	0	0	0	5	(s)	0	0	(s)	6	(s)
Peru	0	0	0	0	0	0	(s)	15	(s)	0	0	1	16	1
Philippines	0	0	0	0	0	0	(s)	1	(s)	0	0	3	4	(s)

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, October 1981 (Thousands of Barrels)

(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,956	8	0	0	(s)	274	301	13	(s)	0	1	11	2,564	83
Rep. of South Africa	0	2	0	0	144	0	0	45	8	0	(s)	4	202	7
Saudi Arabia	0	1	0	0	(s)	0	0	35	0	2	0	2	39	1
Singapore	0	(s)	0	0	0	0	(s)	5	(s)	0	(s)	2	8	(s)
Spain	0	2	0	0	0	389	0	(s)	(s)	346	0	54	791	26
Surinam	0	(s)	0	0	0	0	(s)	(s)	0	10	0	(s)	11	(s)
Sweden	0	1	0	0	0	257	0	10	(s)	0	0	2	269	9
Switzerland	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Thailand	0	3	0	0	0	320	1	5	(s)	0	0	(s)	329	11
Trinidad and Tobago	0	2	0	0	0	0	0	5	0	0	0	1	8	(s)
Turkey	0	0	0	0	0	0	0	(s)	0	25	0	(s)	25	1
United Arab Emirates	0	1	0	0	0	0	(s)	2	0	58	0	(s)	60	2
United Kingdom	0	2	0	0	1	0	4	43	(s)	36	(s)	106	192	6
U.S.S.R.	0	0	0	0	0	0	0	70	0	139	0	0	209	7
Uruguay	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Venezuela	0	45	0	0	0	0	(s)	1	(s)	77	(s)	158	283	9
Virgin Islands	3,514	0	0	0	0	0	0	0	0	0	0	0	3,514	113
West Germany	0	0	0	0	0	0	(s)	14	24	371	0	9	418	13
Yugoslavia	0	0	0	0	0	0	0	0	(s)	45	0	0	45	1
Other	0	1	0	0	(s)	0	1	9	(s)	0	(s)	3	14	(s)
Total	6,996	2,349	88	14	167	6,253	351	728	53	4,976	10	890	22,876	738

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, November 1981
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	21	(s)	0	0	1	22	1
Australia	0	6	0	0	0	0	(s)	15	1	39	(s)	134	196	7
Bahamas	0	1	1	(s)	0	(s)	0	2	0	0	0	(s)	5	(s)
Bahrain	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
Belgium & Luxembourg	0	1	0	0	0	0	(s)	1	(s)	299	0	(s)	302	10
Brazil	0	0	(s)	0	0	0	(s)	11	(s)	0	0	1	13	(s)
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	1,667	767	1	0	1	189	1	67	3	257	1	70	3,024	101
Chile	0	(s)	0	0	0	0	(s)	3	(s)	0	0	2	5	(s)
China (Taiwan)	0	(s)	0	0	0	0	(s)	7	(s)	0	0	11	19	1
Colombia	0	0	0	0	0	0	0	3	(s)	(s)	(s)	(s)	3	(s)
Costa Rica	0	(s)	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
Denmark	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Dominican Republic	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Ecuador	0	1	0	0	0	0	(s)	(s)	(s)	0	0	4	5	(s)
Egypt	0	0	0	0	0	0	0	1	0	61	(s)	0	61	2
El Salvador	0	0	0	0	0	0	0	2	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	2	(s)	0	0	1	3	(s)
France	0	1	0	0	0	0	0	(s)	1	0	(s)	88	90	3
French Pacific Isl	0	(s)	13	0	0	0	(s)	1	0	0	0	(s)	14	(s)
Ghana	0	0	0	0	0	0	0	0	0	31	0	(s)	31	1
Greece	0	2	0	0	0	0	(s)	(s)	(s)	0	0	(s)	2	(s)
Guatemala	0	1	0	0	0	0	1	2	(s)	0	0	(s)	4	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	1	0	0	0	(s)	2	(s)
Hong Kong	0	1	0	0	0	0	0	1	(s)	0	1	(s)	3	(s)
India	0	(s)	0	0	0	0	0	30	(s)	0	0	7	38	1
Indonesia	0	0	0	0	0	0	0	26	0	0	(s)	(s)	26	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	(s)	(s)	(s)	0	0	(s)	(s)	(s)
Italy	0	1	0	0	0	230	0	(s)	(s)	137	(s)	62	431	14
Ivory Coast	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
Jamaica	0	0	0	0	0	0	(s)	3	0	0	0	1	4	(s)
Japan	0	3	(s)	234	0	605	(s)	7	3	867	(s)	32	1,751	58
Jordan	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Korea, Republic of	0	(s)	0	0	0	959	(s)	3	(s)	1	3	61	1,028	34
Kuwait	0	1	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Lebanon	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Malaysia	0	0	0	0	0	0	0	(s)	(s)	0	(s)	(s)	1	(s)
Mexico	0	738	12	23	(s)	0	1	70	5	45	2	9	905	30
Netherlands	0	76	0	0	192	1,819	13	5	(s)	436	0	84	2,624	87
Netherlands Antilles	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
New Zealand	0	0	0	0	0	0	0	(s)	(s)	93	(s)	1	94	3
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	0	0	0	0	0	0	1	0	0	0	1	2	(s)
Norway	0	1	0	0	0	0	0	1	(s)	117	0	(s)	119	4
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Panama	0	(s)	0	0	0	329	(s)	3	(s)	0	0	(s)	333	11
Peru	0	0	0	0	0	0	(s)	3	(s)	0	0	(s)	4	(s)
Philippines	0	0	0	0	0	0	(s)	(s)	(s)	(s)	0	5	5	(s)

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, November 1981 (Thousands of Barrels)
(continued)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	1,575	46	0	0	0	557	225	15	2	0	0	7	2,427	81
Rep. of South Africa	0	(s)	0	0	0	0	(s)	2	4	0	1	151	157	5
Saudi Arabia	0	4	0	0	0	0	(s)	22	0	7	0	5	39	1
Singapore	0	0	0	0	0	0	(s)	2	0	0	(s)	4	6	(s)
Spain	0	0	0	0	0	688	0	1	(s)	121	0	61	871	29
Surinam	0	0	0	0	0	0	0	(s)	0	10	0	(s)	10	(s)
Sweden	0	1	0	0	0	287	0	1	(s)	0	0	1	291	10
Switzerland	0	(s)	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
Thailand	0	8	0	0	0	0	(s)	2	(s)	0	(s)	1	11	(s)
Trinidad and Tobago	0	16	0	0	0	0	0	(s)	0	0	(s)	(s)	16	1
Turkey	0	0	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
United Arab Emirates	0	1	0	0	0	0	(s)	(s)	0	0	0	(s)	2	(s)
United Kingdom	0	2	(s)	0	(s)	0	4	1	(s)	(s)	0	3	10	(s)
U.S.S.R.	0	0	0	0	0	0	0	41	0	72	0	10	123	4
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	18	(s)	0	0	0	2	1	(s)	70	(s)	1	93	3
Virgin Islands	5,096	0	0	0	0	0	0	(s)	0	0	0	0	5,096	170
West Germany	0	52	0	0	0	0	0	6	1	187	(s)	7	252	8
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Other	0	4	0	0	0	276	(s)	9	(s)	0	(s)	3	293	10
Total	8,338	1,754	27	257	193	5,939	249	407	21	2,852	11	834	20,883	696

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[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, December 1981
(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	6	(s)	(s)	0	1	7	(s)
Australia	0	(s)	0	0	0	0	2	5	(s)	1	0	3	12	(s)
Bahamas	0	(s)	1	0	0	0	0	2	0	0	0	(s)	3	(s)
Bahrain	0	0	0	0	0	0	0	(s)	0	74	(s)	(s)	75	2
Belgium & Luxembourg	0	0	0	0	90	0	(s)	6	(s)	514	0	1	611	20
Brazil	0	(s)	0	0	0	0	0	1	(s)	0	0	2	3	(s)
Cameroon	0	0	0	0	0	0	0	(s)	0	25	0	0	25	1
Canada	1,160	491	0	0	1	124	2	72	2	491	41	65	2,449	79
Chile	0	(s)	0	0	0	0	(s)	33	0	0	(s)	1	34	1
China (Taiwan)	0	(s)	0	0	0	357	(s)	9	0	74	(s)	(s)	440	14
Colombia	0	(s)	0	0	0	0	(s)	2	1	(s)	0	1	4	(s)
Costa Rica	0	0	0	0	0	0	0	1	(s)	0	0	(s)	2	(s)
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	71	0	1	72	2
Dominican Republic	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
Ecuador	0	0	0	0	0	0	(s)	2	(s)	0	0	1	3	(s)
Egypt	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
El Salvador	0	0	0	0	0	0	0	13	(s)	0	0	(s)	13	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
France	0	(s)	0	0	0	0	(s)	1	3	518	(s)	4	527	17
French Pacific Isl	0	(s)	0	0	83	350	0	(s)	0	0	0	0	433	14
Ghana	0	0	0	0	0	0	0	1	0	39	0	(s)	39	1
Greece	0	(s)	0	0	0	0	0	(s)	0	72	0	(s)	72	2
Guatemala	0	0	0	0	0	0	1	2	1	0	0	1	4	(s)
Guinea	0	(s)	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Honduras	0	0	(s)	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Hong Kong	0	1	0	0	0	150	(s)	1	(s)	0	1	(s)	154	5
India	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Indonesia	0	0	0	0	0	0	0	18	(s)	0	(s)	1	19	1
Iran	0	0	0	0	0	0	0	0	0	55	0	0	55	2
Israel	0	0	0	0	0	0	0	1	(s)	0	0	1	1	(s)
Italy	0	1	0	0	0	0	(s)	1	(s)	592	0	211	806	26
Ivory Coast	0	0	0	0	0	0	0	10	0	0	0	(s)	10	(s)
Jamaica	0	(s)	0	0	0	0	1	21	0	0	0	1	22	1
Japan	0	(s)	0	0	190	0	1	65	2	769	(s)	55	1,084	35
Jordan	0	0	0	0	2	0	0	2	0	0	0	(s)	4	(s)
Korea, Republic of	0	(s)	0	0	127	339	(s)	5	(s)	(s)	(s)	(s)	471	15
Kuwait	0	0	0	0	0	0	0	3	0	0	0	(s)	3	(s)
Lebanon	0	0	0	0	0	0	(s)	1	0	0	0	(s)	2	(s)
Liberia	0	(s)	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	(s)	(s)	0	(s)	40	40	1
Mexico	0	708	332	16	106	0	7	110	4	36	2	9	1,329	43
Netherlands	0	213	0	206	0	587	2	3	(s)	418	0	115	1,545	50
Netherlands Antilles	0	1	0	0	0	0	0	1	(s)	0	0	148	151	5
New Zealand	0	0	0	0	0	0	1	8	(s)	(s)	0	(s)	10	(s)
Nicaragua	0	0	0	0	0	0	0	22	0	0	(s)	(s)	22	1
Nigeria	0	2	0	0	0	0	0	1	0	0	0	3	6	(s)
Norway	0	0	0	0	214	0	0	6	0	0	0	0	219	7
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	(s)	(s)	1	(s)
Panama	0	1	0	0	0	417	0	3	(s)	0	0	(s)	421	14
Peru	0	0	0	0	0	0	(s)	28	(s)	0	0	(s)	29	1
Philippines	0	1	0	0	0	0	(s)	14	(s)	(s)	0	(s)	15	(s)

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, December 1981 (Thousands of Barrels) (continued)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Puerto Rico	2,372	15	0	0	7	2	220	10	1	(s)	0	12	2,639	85
Rep. of South Africa	0	(s)	0	0	0	0	0	7	4	0	1	10	22	1
Saudi Arabia	0	24	0	0	0	0	(s)	22	(s)	4	(s)	2	53	2
Singapore	0	1	0	0	0	0	(s)	1	(s)	0	(s)	4	6	(s)
Spain	0	(s)	0	0	0	325	0	1	(s)	354	0	3	683	22
Surinam	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Sweden	0	3	0	0	(s)	819	0	13	0	(s)	(s)	1	835	27
Switzerland	0	(s)	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
Thailand	0	8	0	0	0	0	(s)	1	0	0	(s)	(s)	9	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	11	0	0	0	0	11	(s)
Turkey	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
United Arab Emirates	0	0	0	0	0	0	(s)	2	0	58	1	(s)	61	2
United Kingdom	0	(s)	0	0	(s)	247	(s)	19	(s)	371	0	3	640	21
U.S.S.R.	0	0	0	0	0	0	0	17	0	124	0	0	141	5
Uruguay	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Venezuela	0	29	0	0	0	0	(s)	(s)	(s)	117	0	3	149	5
Virgin Islands	1,778	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1,778	57
West Germany	0	3	0	0	0	0	0	4	9	185	0	52	252	8
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Other	547	39	(s)	(s)	0	1,153	(s)	10	(s)	(s)	(s)	38	1,787	58
Total	5,857	1,544	333	222	820	4,868	238	603	32	4,964	47	795	20,322	656

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,987	--	--	--	--	17,978	--	--	--	--	--	50,588	3,325	30,278	119,156
Tank Farms and Pipelines	--	--	2,615	--	--	--	--	70,627	--	--	--	--	--	94,631	13,169	29,988	211,030
Leases	--	--	109	--	--	--	--	1,435	--	--	--	--	--	16,461	1,229	1,617	20,851
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	112,490	0	0	112,490
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	22,918	22,918
Total	--	--	19,711	--	--	--	--	90,040	--	--	--	--	--	274,170	17,723	84,801	486,445
Petroleum Products																	
Refinery	43,714	5,283	48,997	1,385	59,518	8,005	28,564	97,472	11,321	87,932	49,102	6,016	1,694	156,065	15,577	73,085	391,196
Bulk Terminal	139,330	8,396	147,726	5,127	48,124	12,889	16,578	82,718	4,886	32,282	8,219	4,417	540	50,344	3,165	23,100	307,053
Pipeline	26,640	2,641	29,281	2,244	13,840	3,825	19,055	38,964	7,708	10,504	8,902	15,587	763	43,464	2,479	4,698	118,886
Natural Gas Processing Plant	244	322	566	0	1,986	175	28,440	30,601	6,365	30,031	9,567	4,817	971	51,751	360	915	84,193
Total	209,928	16,642	226,570	8,756	123,468	24,894	92,637	249,755	30,280	160,749	75,790	30,837	3,968	301,624	21,581	101,798	901,328
Natural Gasoline and Isopentane																	
Refinery	0	2	2	0	17	142	169	328	59	1,429	83	6	41	1,618	46	8	2,002
Pipeline	0	0	0	0	37	1	221	259	144	60	0	22	37	263	142	5	669
Natural Gas Processing Plant	4	13	17	0	30	15	2,363	2,408	500	3,615	1,589	17	117	5,837	51	25	8,338
Total	4	15	19	0	84	158	2,753	2,995	703	5,104	1,672	45	195	7,718	239	38	11,009
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	78	0	2	80	0	28	28	0	0	56	0	0	136
Natural Gas Processing Plant	0	0	0	0	98	3	1,617	1,718	243	1,949	72	10	260	2,535	29	2	4,284
Total	0	0	0	0	176	3	1,619	1,798	243	1,977	100	10	260	2,591	29	2	4,420
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	12	99	11	60	0	182	9	0	196
Pipeline	0	0	0	0	0	0	0	0	860	285	49	4	17	1,215	0	0	1,215
Natural Gas Processing Plant	0	0	0	0	1	0	4	6	18	51	8	60	1	139	2	0	146
Total	0	0	0	0	6	0	4	11	890	435	68	124	18	1,536	11	0	1,557
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	608	0	0	0	608	0	0	618
Bulk Terminal	0	0	0	0	107	0	30	137	0	0	0	0	0	0	0	0	137
Pipeline	0	0	0	0	55	1,004	198	1,257	236	71	121	0	3	431	0	0	1,688
Natural Gas Processing Plant	0	0	0	0	22	0	484	506	596	509	104	1	0	1,210	(s)	0	1,716
Total	0	0	0	0	194	1,004	712	1,910	832	1,188	225	1	3	2,249	(s)	0	4,159
Propane for Petrochemical Feedstock Use																	
Refinery	91	0	91	0	110	0	6	116	0	7	0	0	0	7	1	0	215
Total	91	0	91	0	110	0	6	116	0	7	0	0	0	7	1	0	215
Propane for Other Uses																	
Refinery	328	7	335	3	1,012	32	246	1,293	92	1,279	813	5	2	2,191	123	223	4,165
Bulk Terminal	554	0	554	0	769	145	341	1,255	120	8,057	0	19	0	8,196	27	0	10,032
Pipeline	745	1,301	2,046	13	1,310	212	2,149	3,684	513	408	234	505	75	1,735	66	0	7,531
Natural Gas Processing Plant	190	305	495	0	1,732	139	16,790	18,661	3,418	7,164	3,128	3,924	240	17,874	196	410	37,637
Total	1,817	1,613	3,430	16	4,823	528	19,526	24,893	4,143	16,908	4,175	4,453	317	29,996	412	633	59,365

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	6	0	0	0	6	2	0	8
Total	0	0	0	0	0	0	0	0	0	6	0	0	0	6	2	0	8
Butane for Other Uses																	
Refinery	206	17	223	212	531	81	292	1,116	138	331	162	2	10	643	201	563	2,746
Bulk Terminal	101	0	101	0	202	0	72	274	84	5,880	0	0	0	5,964	0	0	6,339
Pipeline	20	36	56	50	1,410	15	279	1,754	477	523	5	55	37	1,097	101	0	3,008
Natural Gas Processing Plant	38	1	39	0	90	14	3,180	3,285	831	7,159	1,669	644	68	10,371	60	250	14,005
Total	365	54	419	262	2,233	110	3,823	6,429	1,530	13,893	1,836	701	115	18,075	362	813	26,098
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	3	0	0	3	0	56	7	0	5	68	1	70	142
Bulk Terminal	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	8
Pipeline	0	0	0	0	0	0	19	19	652	26	10	0	1	689	0	0	708
Natural Gas Processing Plant	0	0	0	0	1	0	41	42	34	(s)	1,082	1	0	1,117	(s)	6	1,165
Total	0	0	0	0	12	0	60	72	686	82	1,099	1	6	1,874	1	76	2,023
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	237	3,066	0	0	0	3,303	0	0	3,303
Pipeline	0	0	0	0	66	0	469	535	592	83	2	0	53	730	36	0	1,301
Natural Gas Processing Plant	0	0	0	0	0	0	2,591	2,591	290	7,682	0	0	193	8,164	1	0	10,756
Total	0	0	0	0	66	0	3,060	3,126	1,119	10,831	2	0	246	12,197	37	0	15,360
Isobutane																	
Refinery	0	2	2	44	219	28	227	518	108	360	142	10	8	628	49	52	1,249
Bulk Terminal	0	0	0	0	72	0	1	73	112	1,680	0	0	0	1,792	0	0	1,865
Pipeline	5	17	22	0	424	0	179	603	226	16	0	50	23	315	15	0	955
Natural Gas Processing Plant	0	3	3	0	10	4	1,362	1,376	235	1,859	1,603	120	90	3,907	1	222	5,509
Total	5	22	27	44	725	32	1,769	2,570	681	3,915	1,745	180	121	6,642	65	274	9,578
Other Hydrocarbons and Alcohol																	
Refinery	0	4	4	0	206	0	1	207	17	14	0	0	0	31	0	2	244
Total	0	4	4	0	206	0	1	207	17	14	0	0	0	31	0	2	244
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	4,043	930	4,973	37	4,079	187	1,892	6,195	1,219	8,270	4,299	244	133	14,165	743	4,441	30,517
Kerosene and Lighter Gas Oils	895	16	911	0	3,335	6	1,428	4,769	319	6,627	708	82	4	7,740	208	3,842	17,470
Heavy Gas Oils	6,605	422	7,027	204	5,375	261	2,615	8,455	853	11,011	8,776	416	30	21,086	1,173	11,369	49,110
Residuum	1,536	415	1,951	3	2,992	56	2,072	5,123	279	3,312	4,475	145	0	8,211	462	8,677	24,424
Total	13,079	1,783	14,862	244	15,781	510	8,007	24,542	2,670	29,220	18,258	887	167	51,202	2,586	28,329	121,521

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,970	276	6,246	31	8,695	992	3,005	12,723	2,071	8,944	6,670	168	215	18,068	2,775	8,587	48,399
Bulk Terminal	122	0	122	6	453	2	157	618	1	91	0	9	0	101	0	4	845
Pipeline	0	0	0	0	1	2	525	528	36	0	0	0	0	36	0	0	564
Total	6,092	276	6,368	37	9,149	996	3,687	13,869	2,108	9,035	6,670	177	215	18,205	2,775	8,591	49,808
Aviation Gasoline Blending Components																	
Refinery	48	0	48	0	153	0	0	153	0	103	100	0	0	203	0	48	452
Total	48	0	48	0	153	0	0	153	0	103	100	0	0	203	0	48	452
Total Finished Motor Gasoline																	
Refinery	5,741	501	6,242	95	10,649	1,840	5,510	18,094	2,469	10,343	6,875	1,345	256	21,288	3,463	9,835	58,922
Bulk Terminal	41,654	3,870	45,524	2,398	23,014	5,414	7,079	37,905	2,684	6,877	1,942	2,640	339	14,482	2,006	10,347	110,264
Pipeline	12,778	757	13,535	1,077	6,151	1,254	7,690	16,172	2,839	5,174	5,816	9,239	123	23,191	1,415	2,753	57,066
Natural Gas Processing Plant	12	0	12	0	0	0	0	0	15	0	306	0	0	321	18	0	351
Total Finished Motor Gasoline	60,185	5,128	65,313	3,570	39,814	8,508	20,279	72,171	8,007	22,394	14,939	13,224	718	59,282	6,902	22,935	226,603
Finished Leaded Motor Gasoline																	
Refinery	2,612	320	2,932	79	5,812	1,131	3,823	10,845	1,301	5,542	3,298	1,181	160	11,482	2,495	4,608	32,362
Bulk Terminal	22,860	1,977	24,837	1,283	12,125	3,422	4,773	21,603	1,348	4,340	989	1,462	209	8,348	1,431	5,494	61,713
Pipeline	7,647	433	8,080	503	3,328	758	4,273	8,862	1,615	2,745	3,313	5,835	96	13,604	949	1,329	32,824
Natural Gas Processing Plant	12	0	12	0	0	0	0	0	12	0	125	0	0	137	10	0	159
Total	33,131	2,730	35,861	1,865	21,265	5,311	12,869	41,310	4,276	12,627	7,725	8,478	465	33,571	4,885	11,431	127,058
Finished Unleaded Motor Gasoline																	
Refinery	3,129	181	3,310	16	4,817	709	1,685	7,227	1,162	4,801	3,577	164	96	9,800	958	5,227	26,522
Bulk Terminal	18,788	1,893	20,681	1,115	10,874	1,992	2,286	16,267	1,331	2,537	953	1,178	130	6,129	572	4,853	48,502
Pipeline	5,131	324	5,455	574	2,823	495	3,417	7,309	1,224	2,429	2,503	3,404	27	9,587	466	1,424	24,241
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	181	0	0	184	8	0	192
Total	27,048	2,398	29,446	1,705	18,514	3,196	7,388	30,803	3,720	9,767	7,214	4,746	253	25,700	2,004	11,504	99,457
Gasohol																	
Refinery	0	0	0	0	20	0	2	22	6	0	0	0	0	6	10	0	38
Bulk Terminal	6	0	6	0	15	0	20	35	5	0	0	0	0	5	3	0	49
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	6	0	6	0	35	1	22	58	11	0	0	0	0	11	13	0	88
Finished Aviation Gasoline																	
Refinery	16	0	16	0	192	0	36	228	9	349	196	0	0	554	46	243	1,087
Bulk Terminal	361	81	442	14	257	74	63	408	58	0	9	7	48	122	11	322	1,305
Pipeline	0	0	0	0	17	0	2	19	33	16	0	0	0	49	0	0	68
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	17	0	0	0	0	17	0	0	17
Total	377	81	458	14	466	74	101	655	117	365	205	7	48	742	57	565	2,477
Naphtha-Type Jet Fuel																	
Refinery	207	72	279	0	444	122	431	997	173	436	468	144	232	1,453	261	930	3,920
Bulk Terminal	33	0	33	19	75	52	175	321	186	178	0	22	23	409	17	100	880
Pipeline	248	0	248	3	44	0	55	102	83	0	78	105	232	498	89	385	1,322
Total	488	72	560	22	563	174	661	1,420	442	614	546	271	487	2,360	367	1,415	6,122

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	877	60	937	0	1,525	53	409	1,987	337	3,345	1,945	6	8	5,641	266	3,426	12,257
Bulk Terminal	3,441	176	3,617	46	2,339	457	719	3,561	142	228	62	52	20	504	255	3,042	10,979
Pipeline	2,622	36	2,658	141	739	157	2,186	3,223	462	1,365	526	1,097	32	3,482	138	611	10,112
Total	6,940	272	7,212	187	4,603	667	3,314	8,771	941	4,938	2,533	1,155	60	9,627	659	7,079	33,348
Kerosene																	
Refinery	109	103	212	57	746	14	177	994	33	1,197	531	24	51	1,836	72	89	3,203
Bulk Terminal	3,616	367	3,983	181	922	45	271	1,419	8	331	20	14	0	373	37	84	5,896
Pipeline	422	15	437	98	239	0	33	370	12	19	233	321	0	585	0	1	1,393
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	(s)	0	(s)	1	2	0	0	2
Total	4,147	485	4,632	336	1,907	59	481	2,783	54	1,547	784	359	52	2,796	109	174	10,494
Total Distillate Fuel Oils																	
Refinery	7,408	490	7,898	44	8,868	2,206	6,159	17,277	1,222	10,603	5,258	1,367	247	18,697	2,135	6,077	52,084
Bulk Terminal	50,674	3,031	53,705	1,813	16,424	5,717	6,139	30,093	1,202	2,394	1,298	1,200	101	6,195	810	5,450	96,253
Pipeline	9,800	479	10,279	862	3,248	1,180	5,048	10,338	543	2,430	1,800	4,189	130	9,092	477	899	31,085
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	5	9	0	16	0	0	17
Total Distillate Fuel Oil	67,882	4,000	71,882	2,719	28,540	9,103	17,347	57,709	2,968	15,427	8,361	6,765	478	34,000	3,422	12,426	179,439
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,408	488	7,896	44	8,787	2,206	6,159	17,196	1,151	10,245	5,148	1,224	241	18,009	2,130	5,897	51,128
Bulk Terminal	48,760	3,031	51,791	1,810	16,417	5,717	6,139	30,083	1,202	2,311	1,278	1,122	101	6,014	810	5,404	94,102
Pipeline	9,800	479	10,279	862	3,248	1,180	5,048	10,338	543	2,430	1,800	4,189	130	9,092	477	899	31,085
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	5	9	0	16	0	0	17
Total	65,968	3,998	69,966	2,716	28,452	9,103	17,347	57,618	2,897	14,986	8,231	6,544	472	33,131	3,417	12,200	176,332
No. 4 Fuel Oil																	
Refinery	0	2	2	0	81	0	0	81	71	358	110	143	6	688	5	180	956
Bulk Terminal	1,914	0	1,914	3	7	0	0	10	0	83	20	78	0	181	0	46	2,151
Total	1,914	2	1,916	3	88	0	0	91	71	441	130	221	6	869	5	226	3,107
Residual Fuel Oils																	
Refinery	4,266	332	4,598	64	3,571	675	1,109	5,419	465	8,934	3,667	421	121	13,608	780	8,865	33,270
Bulk Terminal	34,063	368	34,431	308	1,925	251	1,248	3,732	32	3,418	4,486	257	0	8,193	0	2,475	48,831
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
Total	38,329	700	39,029	372	5,496	926	2,357	9,151	497	12,352	8,153	678	121	21,801	780	11,384	82,145
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	148	0	148	0	124	0	112	236	249	1,804	537	27	0	2,617	2	360	3,363
Total	148	0	148	0	124	0	112	236	249	1,804	537	27	0	2,617	2	360	3,363
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	94	96	0	118	0	5	123	253	1,748	334	40	0	2,375	0	92	2,686
Total	2	94	96	0	118	0	5	123	253	1,748	334	40	0	2,375	0	92	2,686
Special Naphthas																	
Refinery	99	44	143	1	237	0	231	469	51	1,398	54	176	0	1,679	6	301	2,598
Bulk Terminal	887	23	910	147	276	66	78	567	0	0	7	16	0	23	0	78	1,578
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	74	0	0	0	0	74	0	0	74
Total	986	67	1,053	148	513	66	309	1,036	125	1,398	61	192	0	1,776	6	379	4,250

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	192	430	622	0	80	0	67	147	0	326	47	0	0	373	2	30	1,174
Neutral	969	545	1,514	0	750	0	447	1,197	0	1,524	980	71	0	2,575	62	433	5,781
Other	831	106	937	0	174	0	145	319	31	1,965	312	107	2	2,417	8	134	3,815
Bulk Terminals	1,058	98	1,156	33	462	28	51	574	20	82	165	71	9	347	2	758	2,837
Total	3,050	1,179	4,229	33	1,466	28	710	2,237	51	3,897	1,504	249	11	5,712	74	1,355	13,607
Wax, Microcrystalline																	
Refinery	3	40	43	0	0	0	4	4	27	22	3	0	0	52	0	0	99
Total	3	40	43	0	0	0	4	4	27	22	3	0	0	52	0	0	99
Wax, Crystalline--Fully Refined																	
Refinery	7	11	18	0	21	0	9	30	0	38	103	0	0	141	2	14	205
Total	7	11	18	0	21	0	9	30	0	38	103	0	0	141	2	14	205
Wax, Crystalline--Other																	
Refinery	1	42	43	0	3	0	3	6	0	155	0	0	0	155	0	6	210
Total	1	42	43	0	3	0	3	6	0	155	0	0	0	155	0	6	210
Petroleum Coke																	
Refinery	1,224	0	1,224	0	495	166	114	775	1	59	367	41	0	468	535	2,148	5,150
Total	1,224	0	1,224	0	495	166	114	775	1	59	367	41	0	468	535	2,148	5,150
Asphalt																	
Refinery	1,614	259	1,873	589	4,679	1,133	1,301	7,702	757	541	995	1,068	329	3,690	2,137	1,915	17,317
Bulk Terminal	2,740	381	3,121	162	790	633	152	1,737	0	0	230	84	0	314	0	425	5,597
Total	4,354	640	4,994	751	5,469	1,766	1,453	9,439	757	541	1,225	1,152	329	4,004	2,137	2,340	22,914
Road Oil																	
Refinery	0	0	0	0	5	0	1	6	0	0	0	2	0	2	7	40	55
Total	0	0	0	0	5	0	1	6	0	0	0	2	0	2	7	40	55
Miscellaneous Products																	
Refinery	278	63	341	1	95	11	341	448	77	689	184	39	0	989	0	265	2,043
Bulk Terminal	26	1	27	0	29	5	2	36	0	0	0	26	0	26	0	15	104
Pipeline	0	0	0	0	21	0	0	21	0	0	0	0	0	0	0	0	21
Natural Gas Processing Plant	0	0	0	0	2	0	6	8	93	43	1	30	(s)	167	1	0	176
Total	304	64	368	1	147	16	349	513	170	732	185	95	(s)	1,182	1	280	2,344
Total Stocks, All Oils	--	--	246,281	--	--	--	--	339,795	--	--	--	--	--	575,794	39,304	186,599	1,387,773

[1] Crude oil data are not collected by refinery district.

[2] Includes 1725 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,530	--	--	--	--	18,537	--	--	--	--	--	56,819	3,575	29,706	125,167
Tank Farms and Pipelines	--	--	3,684	--	--	--	--	67,137	--	--	--	--	--	96,435	13,458	32,121	212,835
Leases	--	--	78	--	--	--	--	1,513	--	--	--	--	--	16,650	1,267	1,564	21,072
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	116,057	0	0	116,057
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	19,087	19,087
Total	--	--	20,292	--	--	--	--	87,187	--	--	--	--	--	285,961	18,300	82,478	494,218
Petroleum Products																	
Refinery	43,622	5,541	49,163	1,269	61,710	8,473	28,763	100,215	11,834	88,852	48,358	5,994	1,833	156,871	15,857	71,469	393,575
Bulk Terminal	140,672	8,294	148,966	4,970	47,590	13,095	16,860	82,515	4,514	31,531	8,170	4,238	492	48,945	3,244	20,815	304,485
Pipeline	26,320	2,102	28,422	2,174	13,885	3,956	18,611	38,626	7,366	10,190	8,795	14,943	714	42,008	2,899	4,502	116,457
Natural Gas Processing Plant	197	313	509	0	1,984	188	26,142	28,314	6,352	28,645	10,560	3,410	961	49,930	304	751	79,808
Total	210,811	16,250	227,060	8,413	125,169	25,712	90,376	249,670	30,066	159,218	75,883	28,585	4,000	297,754	22,304	97,537	894,325
Natural Gasoline and Isopentane																	
Refinery	0	2	2	0	17	60	135	212	64	1,250	98	0	40	1,452	49	12	1,727
Pipeline	0	0	0	0	33	1	326	360	177	74	0	22	34	307	182	5	854
Natural Gas Processing Plant	4	22	27	0	20	17	1,921	1,958	476	3,461	1,611	21	137	5,706	47	13	7,751
Total	4	24	29	0	70	78	2,382	2,530	717	4,785	1,709	43	211	7,465	278	30	10,332
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	29	107	0	28	28	0	0	56	0	0	163
Natural Gas Processing Plant	0	0	0	0	100	2	1,774	1,876	206	1,917	74	50	202	2,450	25	2	4,352
Total	0	0	0	0	178	2	1,803	1,983	206	1,945	102	50	202	2,506	25	2	4,515
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	11	164	0	59	0	234	25	0	265
Pipeline	0	0	0	0	0	0	0	0	857	212	49	4	17	1,139	0	0	1,139
Natural Gas Processing Plant	0	0	0	0	3	0	4	6	29	43	6	8	1	87	2	0	95
Total	0	0	0	0	9	0	4	12	897	419	55	71	18	1,460	27	0	1,499
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	654	0	0	0	654	0	0	664
Bulk Terminal	0	0	0	0	89	0	49	138	0	0	0	0	0	0	0	0	138
Pipeline	0	0	0	0	50	1,038	118	1,206	232	71	120	0	3	426	0	0	1,632
Natural Gas Processing Plant	0	0	0	0	22	0	341	363	630	497	176	1	0	1,304	1	0	1,668
Total	0	0	0	0	171	1,038	508	1,717	862	1,222	296	1	3	2,384	1	0	4,102
Propane for Petrochemical Feedstock Use																	
Refinery	42	0	42	0	97	0	10	107	0	6	0	0	0	6	1	0	156
Total	42	0	42	0	97	0	10	107	0	6	0	0	0	6	1	0	156
Propane for Other Uses																	
Refinery	314	6	320	2	1,162	22	268	1,454	108	1,216	775	4	4	2,107	105	191	4,177
Bulk Terminal	692	0	692	0	621	104	291	1,016	132	8,703	0	25	0	8,860	27	0	10,595
Pipeline	796	869	1,665	45	1,626	197	1,807	3,675	502	119	236	760	81	1,698	135	0	7,173
Natural Gas Processing Plant	143	286	429	0	1,733	150	15,394	17,277	3,436	6,195	3,427	2,606	293	15,956	152	375	34,190
Total	1,945	1,161	3,106	47	5,142	473	17,760	23,422	4,178	16,233	4,438	3,395	378	28,621	419	566	56,135

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	5	0	1	0	6	0	0	6
Total	0	0	0	0	0	0	0	0	0	5	0	1	0	6	0	0	6
Butane for Other Uses																	
Refinery	200	8	208	137	481	75	363	1,056	123	535	193	4	5	860	220	560	2,904
Bulk Terminal	5	0	5	0	251	0	62	313	76	5,215	0	0	0	5,291	0	0	5,609
Pipeline	34	43	77	15	904	0	275	1,194	493	796	5	147	42	1,483	149	0	2,903
Natural Gas Processing Plant	35	3	38	0	90	17	2,810	2,916	725	6,943	2,005	636	56	10,366	60	183	13,563
Total	274	54	328	152	1,726	92	3,510	5,479	1,417	13,489	2,203	787	103	18,000	429	743	24,979
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	0	46	9	0	5	60	1	65	127
Bulk Terminal	0	0	0	0	12	0	0	12	0	0	0	0	0	0	0	0	12
Pipeline	0	0	0	0	0	0	19	19	631	26	10	0	1	668	0	0	687
Natural Gas Processing Plant	0	0	0	0	3	0	58	61	57	(s)	1,228	2	0	1,288	(s)	7	1,356
Total	0	0	0	0	16	0	77	93	688	72	1,247	2	6	2,016	1	72	2,182
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	170	2,550	0	0	0	2,720	0	0	2,720
Pipeline	0	0	0	0	66	0	584	650	485	85	2	0	42	614	74	0	1,338
Natural Gas Processing Plant	0	0	0	0	0	0	2,406	2,406	367	7,640	0	0	182	8,189	0	0	10,594
Total	0	0	0	0	66	0	2,990	3,056	1,022	10,275	2	0	224	11,523	74	0	14,652
Isobutane																	
Refinery	0	4	4	34	185	38	182	439	88	273	146	12	7	526	38	58	1,065
Bulk Terminal	0	0	0	0	35	0	1	36	111	1,820	0	0	0	1,931	0	0	1,967
Pipeline	11	24	35	1	359	0	202	562	248	66	0	150	26	490	47	0	1,134
Natural Gas Processing Plant	0	2	2	0	10	4	1,428	1,442	232	1,914	1,696	35	89	3,966	1	171	5,582
Total	11	30	41	35	589	42	1,813	2,479	679	4,073	1,842	197	122	6,913	86	229	9,748
Other Hydrocarbons and Alcohol																	
Refinery	0	5	5	0	216	0	1	217	1	14	0	0	0	15	0	2	239
Total	0	5	5	0	216	0	1	217	1	14	0	0	0	15	0	2	239
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,858	1,003	4,861	38	3,621	174	1,611	5,444	1,419	9,007	3,949	264	167	14,806	465	4,556	30,132
Kerosene and Lighter Gas Oils	1,121	14	1,135	0	3,456	8	1,524	4,988	246	5,695	989	39	0	6,969	208	4,582	17,882
Heavy Gas Oils	6,800	601	7,401	136	5,508	250	2,627	8,521	922	12,126	8,730	388	41	22,207	1,209	11,310	50,648
Residuum	1,313	257	1,570	2	2,919	41	1,970	4,932	291	2,897	3,905	62	26	7,181	461	9,494	23,638
Total	13,092	1,875	14,967	176	15,504	473	7,732	23,885	2,878	29,725	17,573	753	234	51,163	2,343	29,942	122,300

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,626	299	5,925	25	9,743	992	3,940	14,700	2,285	10,535	7,136	131	258	20,345	3,014	8,877	52,861
Bulk Terminal	121	0	121	4	575	1	150	730	73	154	0	1	0	228	0	3	1,082
Pipeline	0	0	0	0	40	2	374	416	69	0	0	0	0	69	0	0	485
Total	5,747	299	6,046	29	10,358	995	4,464	15,846	2,427	10,689	7,136	132	258	20,642	3,014	8,880	54,428
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	163	0	0	163	0	60	37	0	0	97	0	22	282
Total	0	0	0	0	163	0	0	163	0	60	37	0	0	97	0	22	282
Total Finished Motor Gasoline																	
Refinery	5,829	629	6,458	94	11,098	2,352	5,906	19,450	2,508	11,236	6,381	1,512	250	21,887	3,612	8,399	59,806
Bulk Terminal	43,010	3,861	46,871	2,319	22,889	5,653	7,161	38,022	2,508	7,138	1,997	2,788	330	14,761	2,137	9,719	111,510
Pipeline	13,936	921	14,857	1,020	6,666	1,356	8,057	17,099	2,043	5,971	5,567	8,564	120	22,265	1,521	2,493	58,235
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	11	0	329	0	0	341	16	0	370
Total Finished Motor Gasoline	62,789	5,411	68,200	3,433	40,653	9,361	21,124	74,571	7,070	24,345	14,274	12,864	700	59,254	7,286	20,611	229,921
Finished Leaded Motor Gasoline																	
Refinery	2,787	365	3,152	72	5,900	1,581	4,013	11,566	1,286	6,080	2,995	1,389	152	11,902	2,644	4,195	33,459
Bulk Terminal	24,426	1,954	26,380	1,288	12,043	3,472	4,648	21,451	1,219	4,168	1,073	1,578	202	8,240	1,443	5,317	62,831
Pipeline	8,715	494	9,209	453	3,543	874	4,564	9,434	1,243	3,224	2,794	5,046	76	12,383	1,065	1,172	33,263
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	9	0	128	0	0	137	9	0	160
Total	35,942	2,813	38,755	1,813	21,486	5,927	13,225	42,451	3,757	13,472	6,990	8,013	430	32,662	5,161	10,684	129,713
Finished Unleaded Motor Gasoline																	
Refinery	3,042	264	3,306	22	5,179	771	1,891	7,863	1,216	5,156	3,386	123	98	9,979	960	4,204	26,312
Bulk Terminal	18,562	1,907	20,469	1,031	10,831	2,181	2,492	16,535	1,283	2,970	924	1,210	128	6,515	694	4,402	48,615
Pipeline	5,221	427	5,648	567	3,123	480	3,493	7,663	800	2,747	2,773	3,518	44	9,882	456	1,321	24,970
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	201	0	0	204	6	0	210
Total	26,825	2,598	29,423	1,620	19,133	3,432	7,876	32,061	3,302	10,873	7,284	4,851	270	26,580	2,116	9,927	100,107
Gasohol																	
Refinery	0	0	0	0	19	0	2	21	6	0	0	0	0	6	8	0	35
Bulk Terminal	22	0	22	0	15	0	21	36	6	0	0	0	0	6	0	0	64
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	22	0	22	0	34	2	23	59	12	0	0	0	0	12	8	0	101
Finished Aviation Gasoline																	
Refinery	18	0	18	0	114	0	75	189	13	275	203	0	0	491	53	251	1,002
Bulk Terminal	397	61	458	0	212	68	41	321	149	0	7	7	35	198	5	320	1,302
Pipeline	0	0	0	0	33	0	54	87	0	14	0	31	4	49	3	0	139
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	22	0	0	0	0	22	0	0	22
Total	415	61	476	0	359	68	170	597	184	289	210	38	39	760	61	571	2,465
Naphtha-Type Jet Fuel																	
Refinery	233	92	325	0	406	139	329	874	191	469	398	149	199	1,406	264	947	3,816
Bulk Terminal	30	0	30	19	58	80	263	420	126	92	0	5	0	223	18	107	798
Pipeline	283	0	283	3	44	2	1	50	50	0	8	109	220	387	98	425	1,243
Total	546	92	638	22	508	221	593	1,344	367	561	406	263	419	2,016	380	1,479	5,857

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	992	74	1,066	0	1,564	56	362	1,982	344	2,737	2,143	30	15	5,269	272	3,615	12,204
Bulk Terminal	4,026	208	4,234	63	2,409	431	626	3,529	145	691	136	35	21	1,028	185	2,409	11,385
Pipeline	1,962	59	2,021	166	585	199	2,209	3,159	760	793	856	874	32	3,315	136	483	9,114
Total	6,980	341	7,321	229	4,558	686	3,197	8,670	1,249	4,221	3,135	939	68	9,612	593	6,507	32,703
Kerosene																	
Refinery	213	118	331	63	670	32	143	908	47	1,064	416	21	51	1,599	47	76	2,961
Bulk Terminal	3,903	317	4,220	193	802	84	267	1,346	22	441	11	22	0	496	49	76	6,187
Pipeline	552	0	552	105	179	0	33	317	26	26	166	336	0	554	0	1	1,424
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	(s)	0	(s)	1	2	0	0	2
Total	4,668	435	5,103	361	1,651	116	443	2,571	96	1,531	593	379	52	2,651	96	153	10,574
Total Distillate Fuel Oils																	
Refinery	6,792	475	7,267	58	9,122	1,970	5,601	16,751	1,323	10,036	4,894	1,229	276	17,758	1,939	5,003	48,718
Bulk Terminal	50,392	3,187	53,579	1,790	15,485	5,772	6,577	29,624	951	2,787	1,234	974	96	6,042	819	4,994	95,058
Pipeline	8,746	186	8,932	819	3,222	1,161	4,523	9,725	793	1,909	1,748	3,946	92	8,488	554	1,066	28,765
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	2	0	7	11	0	21	0	0	21
Total Distillate Fuel Oil	65,930	3,848	69,778	2,667	27,829	8,903	16,701	56,100	3,069	14,732	7,883	6,160	464	32,309	3,312	11,063	172,562
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,792	470	7,262	58	9,078	1,970	5,601	16,707	1,237	9,809	4,686	1,048	257	17,037	1,935	4,958	47,899
Bulk Terminal	48,443	3,187	51,630	1,785	15,480	5,772	6,577	29,614	951	2,702	1,234	960	96	5,943	819	4,951	92,957
Pipeline	8,746	186	8,932	819	3,222	1,161	4,523	9,725	793	1,909	1,748	3,946	92	8,488	554	1,066	28,765
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	2	0	7	11	0	21	0	0	21
Total	63,981	3,843	67,824	2,662	27,780	8,903	16,701	56,046	2,983	14,420	7,675	5,965	445	31,489	3,308	10,975	169,642
No. 4 Fuel Oil																	
Refinery	0	5	5	0	44	0	0	44	86	227	208	181	19	721	4	45	819
Bulk Terminal	1,949	0	1,949	5	5	0	0	10	0	85	0	14	0	99	0	43	2,101
Total	1,949	5	1,954	5	49	0	0	54	86	312	208	195	19	820	4	88	2,920
Residual Fuel Oils																	
Refinery	5,146	286	5,432	89	3,482	586	1,014	5,171	336	8,302	3,980	400	128	13,146	666	8,114	32,529
Bulk Terminal	32,851	181	33,032	265	2,289	251	1,011	3,816	32	1,884	4,451	213	0	6,580	0	1,947	45,375
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29
Total	37,997	467	38,464	354	5,771	837	2,025	8,987	368	10,186	8,431	613	128	19,726	666	10,090	77,933
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	92	0	92	0	121	0	111	232	288	1,474	569	25	0	2,356	1	252	2,933
Total	92	0	92	0	121	0	111	232	288	1,474	569	25	0	2,356	1	252	2,933
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	108	110	0	112	0	10	122	178	1,884	308	23	0	2,393	0	82	2,707
Total	2	108	110	0	112	0	10	122	178	1,884	308	23	0	2,393	0	82	2,707
Special Naphthas																	
Refinery	59	51	110	1	211	0	168	380	55	1,297	69	177	0	1,598	8	341	2,437
Bulk Terminal	1,102	38	1,140	100	280	0	0	380	0	0	5	29	0	34	0	71	1,625
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	67	0	0	0	0	67	0	0	67
Total	1,161	89	1,250	101	491	0	168	760	122	1,297	74	206	0	1,699	8	412	4,129

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	187	421	608	0	69	0	90	159	0	281	66	0	0	347	6	49	1,169
Neutral	940	506	1,446	0	752	0	454	1,206	0	1,500	1,001	52	0	2,553	56	448	5,709
Other	767	109	876	0	162	0	128	290	33	1,958	262	107	1	2,361	8	127	3,662
Bulk Terminals	1,069	51	1,120	29	453	21	51	554	19	56	149	76	10	310	4	707	2,695
Total	2,963	1,087	4,050	29	1,436	21	723	2,209	52	3,795	1,478	235	11	5,571	74	1,331	13,235
Wax, Microcrystalline																	
Refinery	2	40	42	0	0	0	5	5	25	24	6	2	0	57	0	0	104
Total	2	40	42	0	0	0	5	5	25	24	6	2	0	57	0	0	104
Wax, Crystalline--Fully Refined																	
Refinery	7	10	17	0	30	0	15	45	0	35	106	0	0	141	1	14	218
Total	7	10	17	0	30	0	15	45	0	35	106	0	0	141	1	14	218
Wax, Crystalline--Other																	
Refinery	2	41	43	0	2	0	4	6	0	122	0	0	0	122	0	7	178
Total	2	41	43	0	2	0	4	6	0	122	0	0	0	122	0	7	178
Petroleum Coke																	
Refinery	1,066	0	1,066	0	678	240	112	1,030	2	237	312	41	0	592	526	1,906	5,120
Total	1,066	0	1,066	0	678	240	112	1,030	2	237	312	41	0	592	526	1,906	5,120
Asphalt																	
Refinery	1,728	330	2,058	589	5,436	1,427	1,326	8,778	873	598	1,115	1,220	360	4,166	2,595	1,913	19,510
Bulk Terminal	3,054	381	3,435	188	1,103	623	308	2,222	0	0	180	36	0	216	0	449	6,322
Total	4,782	711	5,493	777	6,539	2,050	1,634	11,000	873	598	1,295	1,256	360	4,382	2,595	2,362	25,832
Road Oil																	
Refinery	0	0	0	0	0	0	1	1	0	0	0	2	0	2	7	36	46
Total	0	0	0	0	0	0	1	1	0	0	0	2	0	2	7	36	46
Miscellaneous Products																	
Refinery	273	52	325	1	96	11	278	386	60	840	162	40	0	1,102	0	160	1,973
Bulk Terminal	20	9	29	0	27	7	2	36	0	0	0	27	0	27	0	13	105
Natural Gas Processing Plant	0	0	0	0	3	0	6	9	88	34	1	40	(s)	164	1	0	174
Total	293	61	354	1	126	18	286	431	148	874	163	107	(s)	1,293	1	173	2,252
Total Stocks, All Oils	—	—	247,352	—	—	—	—	336,857	—	—	—	—	—	583,715	40,604	180,015	1,388,543

[1] Crude oil data are not collected by refinery district.

[2] Includes 2603 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

— Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	18,549	--	--	--	--	18,994	--	--	--	--	--	60,090	3,306	27,509	128,448
Tank Farms and Pipelines	--	--	2,570	--	--	--	--	71,186	--	--	--	--	--	101,831	13,872	32,998	222,457
Leases	--	--	105	--	--	--	--	1,492	--	--	--	--	--	16,717	1,257	1,678	21,249
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	120,860	0	0	120,860
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	20,800	20,800
Total	--	--	21,224	--	--	--	--	91,672	--	--	--	--	--	299,498	18,435	82,985	513,814
Petroleum Products																	
Refinery	43,547	5,447	48,994	1,157	60,172	8,755	27,694	97,778	11,947	88,225	49,881	6,286	1,847	158,186	16,655	69,915	391,528
Bulk Terminal	140,749	7,842	148,591	5,191	47,119	12,788	16,402	81,500	4,677	33,400	7,576	4,325	565	50,543	3,051	20,971	304,656
Pipeline	25,464	1,993	27,457	1,978	12,923	4,015	17,257	36,173	7,983	9,126	7,858	14,852	949	40,768	2,765	4,276	111,439
Natural Gas Processing Plant	198	264	462	0	2,210	230	25,586	28,026	6,541	26,902	11,984	3,669	1,219	50,315	356	613	79,772
Total	209,958	15,546	225,504	8,326	122,424	25,788	86,939	243,477	31,148	157,653	77,299	29,132	4,580	299,812	22,827	95,775	887,395
Natural Gasoline and Isopentane																	
Refinery	0	5	5	0	17	44	144	205	96	1,072	96	1	41	1,306	69	20	1,605
Pipeline	0	0	0	0	13	2	281	296	156	69	0	16	67	308	177	5	786
Natural Gas Processing Plant	5	20	25	0	14	15	1,496	1,525	558	2,728	1,575	23	145	5,028	50	14	6,642
Total	5	25	30	0	44	61	1,921	2,026	810	3,869	1,671	40	253	6,642	296	39	9,033
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	24	102	0	28	28	0	0	56	0	0	158
Natural Gas Processing Plant	0	0	0	0	101	1	1,476	1,578	264	1,688	125	55	249	2,382	28	3	3,990
Total	0	0	0	0	179	1	1,500	1,680	264	1,716	153	55	249	2,438	28	3	4,148
Plant Condensate																	
Refinery	0	0	0	0	17	0	0	17	11	52	0	60	0	123	46	0	186
Pipeline	0	0	0	0	0	0	7	7	807	277	49	27	17	1,177	0	0	1,184
Natural Gas Processing Plant	0	0	0	0	2	0	4	6	26	32	7	7	1	72	2	0	80
Total	0	0	0	0	19	0	11	30	844	361	56	94	18	1,372	48	0	1,450
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	593	0	0	0	593	0	0	603
Bulk Terminal	0	0	0	0	76	0	37	113	0	8	0	0	0	8	0	0	121
Pipeline	0	0	0	0	52	1,004	205	1,261	219	73	125	0	3	420	0	0	1,681
Natural Gas Processing Plant	0	0	0	0	22	0	226	248	644	380	260	(s)	0	1,283	(s)	0	1,531
Total	0	0	0	0	160	1,004	468	1,632	863	1,054	385	(s)	3	2,304	(s)	0	3,936
Propane for Petrochemical Feedstock Use																	
Refinery	25	0	25	0	48	1	6	55	0	5	0	0	0	5	2	0	87
Total	25	0	25	0	48	1	6	55	0	5	0	0	0	5	2	0	87
Propane for Other Uses																	
Refinery	212	7	219	3	1,288	21	292	1,604	82	917	649	7	2	1,657	99	213	3,792
Bulk Terminal	423	0	423	0	647	91	271	1,009	126	9,427	0	50	0	9,603	33	0	11,068
Pipeline	815	760	1,575	62	1,384	196	1,567	3,209	497	332	233	294	158	1,514	134	0	6,432
Natural Gas Processing Plant	116	238	354	0	1,970	197	16,163	18,329	3,415	5,920	4,036	2,851	285	16,505	155	340	35,683
Total	1,566	1,005	2,571	65	5,289	505	18,293	24,151	4,120	16,596	4,918	3,202	445	29,279	421	553	56,975

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	5	0	1	0	6	2	0	8
Total	0	0	0	0	0	0	0	0	0	5	0	1	0	6	2	0	8
Butane for Other Uses																	
Refinery	185	6	191	92	460	70	285	907	116	576	188	3	6	889	180	559	2,726
Bulk Terminal	19	0	19	0	274	0	54	328	81	5,465	0	0	0	5,546	0	0	5,893
Pipeline	42	48	90	0	836	15	205	1,056	966	86	5	25	77	1,159	110	0	2,415
Natural Gas Processing Plant	63	3	66	0	90	14	2,854	2,957	799	6,726	2,243	552	61	10,382	104	147	13,655
Total	309	57	366	92	1,660	99	3,398	5,248	1,962	12,853	2,436	580	144	17,976	394	706	24,689
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	2	0	0	2	0	55	24	0	5	84	0	104	190
Bulk Terminal	0	0	0	0	13	0	0	13	0	0	0	0	0	0	0	0	13
Pipeline	0	0	0	0	0	0	19	19	638	14	10	0	1	663	0	0	682
Natural Gas Processing Plant	0	0	0	0	2	0	44	46	79	(s)	1,510	1	0	1,590	(s)	4	1,640
Total	0	0	0	0	17	0	63	80	717	69	1,544	1	6	2,337	(s)	108	2,525
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	411	2,216	0	0	0	2,627	0	0	2,627
Pipeline	0	0	0	0	66	0	570	636	773	85	2	0	101	961	161	0	1,758
Natural Gas Processing Plant	0	0	0	0	0	0	1,958	1,958	244	7,409	0	0	381	8,034	1	0	9,993
Total	0	0	0	0	66	0	2,528	2,594	1,428	9,710	2	0	482	11,622	162	0	14,378
Isobutane																	
Refinery	0	4	4	19	181	18	179	397	98	316	202	9	5	630	37	24	1,092
Bulk Terminal	0	0	0	0	35	0	1	36	129	1,558	0	0	0	1,687	0	0	1,723
Pipeline	0	15	15	0	337	0	134	471	222	58	0	25	60	365	50	0	901
Natural Gas Processing Plant	0	3	3	0	7	3	1,351	1,360	305	1,859	1,908	134	96	4,302	1	105	5,771
Total	0	22	22	19	560	21	1,665	2,264	754	3,791	2,110	168	161	6,984	88	129	9,487
Other Hydrocarbons and Alcohol																	
Refinery	0	10	10	0	117	0	1	118	1	14	0	0	0	15	0	4	147
Total	0	10	10	0	117	0	1	118	1	14	0	0	0	15	0	4	147
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,488	1,029	4,517	31	4,013	165	1,666	5,875	1,554	8,761	3,824	327	158	14,624	519	3,798	29,333
Kerosene and Lighter Gas Oils	1,427	12	1,439	0	3,122	6	1,735	4,863	259	5,719	787	32	3	6,800	246	4,878	18,226
Heavy Gas Oils	6,546	647	7,193	111	4,868	295	2,772	8,046	632	13,601	10,774	369	17	25,393	1,353	12,524	54,509
Residuum	1,317	217	1,534	2	3,441	37	2,027	5,507	222	3,132	3,347	81	17	6,799	538	9,744	24,122
Total	12,778	1,905	14,683	144	15,444	503	8,200	24,291	2,667	31,213	18,732	809	195	53,616	2,656	30,944	126,190

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	6,642	267	6,909	30	9,397	918	3,932	14,277	2,519	9,330	7,094	193	285	19,421	3,230	7,026	50,863
Bulk Terminal	112	0	112	6	975	2	195	1,178	67	95	0	1	0	163	2	4	1,459
Pipeline	0	0	0	0	13	2	443	458	74	0	0	0	0	74	0	28	560
Total	6,754	267	7,021	36	10,385	922	4,570	15,913	2,660	9,425	7,094	194	285	19,658	3,232	7,058	52,882
Aviation Gasoline Blending Components																	
Refinery	7	0	7	0	119	0	0	119	0	91	49	0	0	140	0	26	292
Total	7	0	7	0	119	0	0	119	0	91	49	0	0	140	0	26	292
Total Finished Motor Gasoline																	
Refinery	6,119	692	6,811	88	10,143	2,489	5,455	18,175	2,494	11,549	6,515	1,689	219	22,466	3,597	7,936	58,985
Bulk Terminal	45,503	3,812	49,315	2,403	22,777	5,489	6,967	37,636	2,391	6,861	1,787	2,722	359	14,120	1,898	9,646	112,615
Pipeline	15,485	913	16,398	1,017	7,151	1,442	8,370	17,980	2,183	5,196	4,915	9,863	144	22,301	1,495	2,297	60,471
Natural Gas Processing Plant	15	0	15	0	0	0	0	0	18	0	312	0	0	329	14	0	359
Total Finished Motor Gasoline	67,122	5,417	72,539	3,508	40,071	9,420	20,792	73,791	7,086	23,606	13,529	14,274	722	59,216	7,004	19,879	232,430
Finished Leaded Motor Gasoline																	
Refinery	2,979	442	3,421	40	5,820	1,584	3,893	11,337	1,252	6,210	3,790	1,505	143	12,900	2,609	3,637	33,904
Bulk Terminal	25,256	2,006	27,262	1,293	11,736	3,268	4,470	20,767	1,118	4,334	1,013	1,440	233	8,138	1,245	5,016	62,428
Pipeline	9,671	504	10,175	487	4,449	931	4,799	10,666	1,171	2,961	2,940	6,485	109	13,666	1,103	1,148	36,758
Natural Gas Processing Plant	15	0	15	0	0	0	0	0	16	0	148	0	0	163	9	0	187
Total	37,921	2,952	40,873	1,820	22,005	5,783	13,162	42,770	3,557	13,505	7,891	9,430	485	34,867	4,966	9,801	133,277
Finished Unleaded Motor Gasoline																	
Refinery	3,140	250	3,390	48	4,308	905	1,560	6,821	1,237	5,339	2,725	184	76	9,561	980	4,299	25,051
Bulk Terminal	20,234	1,806	22,040	1,110	11,027	2,221	2,476	16,834	1,269	2,527	774	1,282	126	5,978	653	4,630	50,135
Pipeline	5,814	409	6,223	530	2,702	510	3,571	7,313	1,012	2,235	1,975	3,378	35	8,635	392	1,149	23,712
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	164	0	0	166	5	0	171
Total	29,188	2,465	31,653	1,688	18,037	3,636	7,607	30,968	3,520	10,101	5,638	4,844	237	24,340	2,030	10,078	99,069
Gasohol																	
Refinery	0	0	0	0	15	0	2	17	5	0	0	0	0	5	8	0	30
Bulk Terminal	13	0	13	0	14	0	21	35	4	0	0	0	0	4	0	0	52
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	13	0	13	0	29	1	23	53	9	0	0	0	0	9	8	0	83
Finished Aviation Gasoline																	
Refinery	14	0	14	0	109	0	28	137	15	407	127	0	0	549	46	169	915
Bulk Terminal	356	60	416	1	215	60	39	315	55	0	7	3	46	111	5	222	1,069
Pipeline	0	0	0	0	12	0	20	32	8	9	0	36	0	53	0	0	85
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	48	0	0	0	0	48	0	0	48
Total	370	60	430	1	336	60	87	484	126	416	134	39	46	761	51	391	2,117
Naphtha-Type Jet Fuel																	
Refinery	164	71	235	0	397	115	307	819	251	485	381	120	207	1,444	261	790	3,549
Bulk Terminal	29	0	29	9	47	65	234	355	132	209	0	10	0	351	18	86	839
Pipeline	345	0	345	3	39	59	25	126	64	0	10	103	170	347	73	475	1,366
Total	538	71	609	12	483	239	566	1,300	447	694	391	233	377	2,142	352	1,351	5,754

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,048	107	1,155	0	1,633	74	401	2,108	436	3,051	2,280	31	13	5,811	340	3,627	13,041
Bulk Terminal	3,692	126	3,818	43	2,563	519	743	3,868	136	954	85	29	24	1,228	296	2,206	11,416
Pipeline	2,017	30	2,047	116	678	186	1,761	2,741	781	1,056	424	1,117	29	3,407	100	518	8,813
Total	6,757	263	7,020	159	4,874	779	2,905	8,717	1,353	5,061	2,789	1,177	66	10,446	736	6,351	33,270
Kerosene																	
Refinery	186	130	316	48	676	19	99	842	33	1,306	301	18	59	1,717	66	99	3,040
Bulk Terminal	4,270	439	4,709	194	919	76	268	1,457	18	476	17	22	0	533	39	67	6,805
Pipeline	534	4	538	129	137	0	43	309	15	25	281	100	0	421	0	37	1,305
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	4,990	573	5,563	371	1,732	95	410	2,608	68	1,807	599	140	60	2,674	105	203	11,153
Total Distillate Fuel Oils																	
Refinery	6,652	390	7,042	79	9,441	1,939	5,165	16,624	1,363	9,823	4,947	1,246	331	17,710	2,075	5,125	48,576
Bulk Terminal	48,491	2,741	51,232	1,845	14,689	5,492	6,346	28,372	1,079	3,823	1,034	1,119	123	7,178	754	5,431	92,967
Pipeline	6,226	223	6,449	651	2,127	1,109	3,583	7,470	580	1,818	1,776	3,246	122	7,542	465	879	22,805
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	8	13	0	23	0	0	24
Total Distillate Fuel Oil	61,369	3,354	64,723	2,575	26,257	8,540	15,095	52,467	3,024	15,464	7,765	5,624	576	32,453	3,294	11,435	164,372
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,652	385	7,037	79	9,360	1,939	5,165	16,543	1,256	9,614	4,884	1,050	238	17,042	2,070	5,084	47,776
Bulk Terminal	46,855	2,741	49,596	1,837	14,607	5,492	6,346	28,282	1,079	3,731	1,034	1,113	123	7,080	754	5,391	91,103
Pipeline	6,226	223	6,449	651	2,127	1,109	3,583	7,470	580	1,818	1,776	3,246	122	7,542	465	879	22,805
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	8	13	0	23	0	0	24
Total	59,733	3,349	63,082	2,567	26,094	8,540	15,095	52,296	2,917	15,163	7,702	5,422	483	31,687	3,289	11,354	161,708
No. 4 Fuel Oil																	
Refinery	0	5	5	0	81	0	0	81	107	209	63	196	93	668	5	41	800
Bulk Terminal	1,636	0	1,636	8	82	0	0	90	0	92	0	6	0	98	0	40	1,864
Total	1,636	5	1,641	8	163	0	0	171	107	301	63	202	93	766	5	81	2,664
Residual Fuel Oils																	
Refinery	4,663	265	4,928	38	3,342	426	636	4,442	363	7,381	4,191	461	151	12,547	573	7,624	30,114
Bulk Terminal	32,217	132	32,349	344	1,905	236	991	3,476	32	2,247	4,305	227	0	6,811	0	2,054	44,690
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37
Total	36,880	397	37,277	382	5,247	662	1,627	7,918	395	9,628	8,496	688	151	19,358	573	9,715	74,841
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	131	0	131	0	66	0	110	176	237	1,628	619	29	0	2,513	0	198	3,018
Total	131	0	131	0	66	0	110	176	237	1,628	619	29	0	2,513	0	198	3,018
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	93	95	0	93	0	10	103	173	2,023	287	14	0	2,497	0	52	2,747
Total	2	93	95	0	93	0	10	103	173	2,023	287	14	0	2,497	0	52	2,747
Special Naphthas																	
Refinery	121	43	164	1	223	0	137	361	45	1,078	76	132	0	1,331	13	413	2,282
Bulk Terminal	1,164	54	1,218	114	267	69	0	450	0	3	0	17	0	20	0	72	1,760
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	79	0	0	0	0	79	0	0	79
Total	1,285	97	1,382	115	490	69	137	811	124	1,081	76	149	0	1,430	13	485	4,121

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	221	420	641	0	56	0	77	133	0	216	81	0	0	297	4	58	1,133
Neutral	712	405	1,117	0	680	0	389	1,069	0	1,554	1,039	70	0	2,663	63	525	5,437
Other	796	119	915	0	172	0	135	307	33	1,810	347	113	1	2,304	7	111	3,644
Bulk Terminals	1,030	72	1,102	30	441	22	52	545	20	58	162	69	13	322	6	708	2,683
Total	2,759	1,016	3,775	30	1,349	22	653	2,054	53	3,638	1,629	252	14	5,586	80	1,402	12,897
Wax, Microcrystalline																	
Refinery	2	34	36	0	0	0	4	4	24	17	7	3	0	51	0	0	91
Total	2	34	36	0	0	0	4	4	24	17	7	3	0	51	0	0	91
Wax, Crystalline--Fully Refined																	
Refinery	8	12	20	0	13	0	12	25	0	35	117	0	0	152	2	15	214
Total	8	12	20	0	13	0	12	25	0	35	117	0	0	152	2	15	214
Wax, Crystalline--Other																	
Refinery	2	31	33	0	1	0	2	3	0	121	0	0	0	121	0	8	165
Total	2	31	33	0	1	0	2	3	0	121	0	0	0	121	0	8	165
Petroleum Coke																	
Refinery	830	0	830	0	733	179	120	1,032	0	317	403	47	0	767	504	1,606	4,739
Total	830	0	830	0	733	179	120	1,032	0	317	403	47	0	767	504	1,606	4,739
Asphalt																	
Refinery	1,813	377	2,190	615	5,161	1,928	1,531	9,235	829	604	1,004	1,200	327	3,964	2,775	2,391	20,555
Bulk Terminal	3,421	405	3,826	202	1,254	663	201	2,320	0	0	179	32	0	211	0	455	6,812
Total	5,234	782	6,016	817	6,415	2,591	1,732	11,555	829	604	1,183	1,232	327	4,175	2,775	2,846	27,367
Road Oil																	
Refinery	0	0	0	0	39	0	12	51	0	0	0	2	0	2	8	39	100
Total	0	0	0	0	39	0	12	51	0	0	0	2	0	2	8	39	100
Miscellaneous Products																	
Refinery	214	54	268	0	94	11	25	130	61	581	125	28	0	795	0	209	1,402
Bulk Terminal	22	1	23	0	22	4	3	29	0	0	0	24	0	24	0	20	96
Natural Gas Processing Plant	0	0	0	0	3	0	16	19	57	162	1	33	(s)	254	1	0	274
Total	236	55	291	0	119	15	44	178	118	743	126	85	(s)	1,073	1	229	1,772
Total Stocks, All Oils	--	--	246,728	--	--	--	--	335,149	--	--	—	--	--	599,310	41,262	178,760	1,401,209

1 Crude oil data are not collected by refinery district.
2 Includes 3429 thousands of barrels of domestic crude oil.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.
-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	18,445	--	--	--	--	18,646	--	--	--	--	--	62,039	3,595	30,481	133,206
Tank Farms and Pipelines	--	--	2,922	--	--	--	--	68,956	--	--	--	--	--	102,567	13,226	28,721	216,392
Leases	--	--	85	--	--	--	--	1,467	--	--	--	--	--	16,528	1,261	1,602	20,943
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	134,170	0	0	134,170
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	26,956	26,956
Total	--	--	21,452	--	--	--	--	89,069	--	--	--	--	--	315,304	18,082	87,760	531,667
Petroleum Products																	
Refinery	44,350	5,361	49,711	1,244	57,391	8,274	26,947	93,856	11,453	88,060	49,916	6,285	1,498	157,212	15,998	67,165	383,942
Bulk Terminal	138,456	7,800	146,256	5,006	45,713	12,215	16,677	79,611	4,545	35,220	8,925	3,851	481	53,022	2,825	18,450	300,164
Pipeline	25,983	2,241	28,224	1,725	12,740	4,046	18,473	36,984	8,606	9,958	8,324	15,157	879	42,924	2,629	4,113	114,874
Natural Gas Processing Plant	219	326	546	0	2,455	248	26,783	29,487	7,035	28,361	12,280	4,237	1,290	53,202	209	536	83,979
Total	209,008	15,728	224,737	7,975	118,299	24,783	88,880	239,938	31,639	161,599	79,445	29,530	4,148	306,360	21,661	90,264	882,959
Natural Gasoline and Isopentane																	
Refinery	0	2	2	0	35	11	184	230	102	621	114	3	28	868	66	30	1,196
Pipeline	0	0	0	0	32	2	316	350	235	75	0	32	70	412	176	5	943
Natural Gas Processing Plant	1	20	21	0	17	11	1,219	1,247	490	2,627	1,377	19	133	4,646	42	15	5,970
Total	1	22	23	0	84	24	1,719	1,827	827	3,323	1,491	54	231	5,926	284	50	8,109
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	29	107	0	28	28	0	0	56	0	0	163
Natural Gas Processing Plant	0	0	0	0	99	2	1,270	1,371	350	2,305	127	70	303	3,155	27	2	4,554
Total	0	0	0	0	177	2	1,299	1,478	350	2,333	155	70	303	3,211	27	2	4,717
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	10	277	0	62	0	349	3	0	357
Pipeline	0	0	0	0	0	0	0	0	887	219	49	4	17	1,176	0	0	1,176
Natural Gas Processing Plant	0	0	0	0	2	0	5	6	28	26	14	9	1	77	3	0	86
Total	0	0	0	0	7	0	5	11	925	522	63	75	18	1,602	6	0	1,619
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	625	0	0	0	625	0	0	635
Bulk Terminal	0	0	0	0	62	0	4	66	0	11	0	0	0	11	0	0	77
Pipeline	0	0	0	0	30	979	172	1,181	261	71	121	0	3	456	0	0	1,637
Natural Gas Processing Plant	0	0	0	0	22	0	287	309	595	485	353	2	0	1,434	(s)	0	1,743
Total	0	0	0	0	124	979	463	1,566	856	1,192	474	2	3	2,526	(s)	0	4,092
Propane for Petrochemical Feedstock Use																	
Refinery	21	0	21	0	26	0	6	32	0	5	0	0	0	5	1	0	59
Total	21	0	21	0	26	0	6	32	0	5	0	0	0	5	1	0	59
Propane for Other Uses																	
Refinery	279	6	285	3	1,373	12	271	1,659	81	751	804	6	4	1,646	102	170	3,862
Bulk Terminal	442	0	442	0	563	78	369	1,010	158	10,393	49	25	0	10,625	25	0	12,102
Pipeline	920	961	1,881	63	1,254	356	1,430	3,103	534	257	231	577	162	1,761	118	0	6,863
Natural Gas Processing Plant	164	301	465	0	2,208	223	17,518	19,948	3,540	6,215	4,048	3,141	315	17,259	90	279	38,042
Total	1,805	1,268	3,073	66	5,398	669	19,588	25,720	4,313	17,616	5,132	3,749	481	31,291	335	449	60,869

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	4	0	1	0	5	1	1	7
Total	0	0	0	0	0	0	0	0	0	4	0	1	0	5	1	1	7
Butane for Other Uses																	
Refinery	189	6	195	111	449	30	345	935	116	965	255	3	5	1,344	164	575	3,213
Bulk Terminal	150	0	150	0	204	0	134	338	108	6,183	0	0	0	6,291	0	0	6,779
Pipeline	0	134	134	0	680	0	261	941	1,106	50	5	50	74	1,285	79	0	2,439
Natural Gas Processing Plant	36	3	39	0	94	9	3,346	3,449	970	6,893	2,662	818	55	11,398	31	164	15,081
Total	375	143	518	111	1,427	39	4,086	5,663	2,300	14,091	2,922	871	134	20,318	274	739	27,512
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	2	0	0	2	0	97	40	0	1	138	0	79	219
Bulk Terminal	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	8
Pipeline	0	0	0	0	0	0	21	21	638	15	10	0	1	664	0	0	685
Natural Gas Processing Plant	0	0	0	0	2	0	44	46	47	2	1,494	1	0	1,544	(s)	2	1,592
Total	0	0	0	0	12	0	65	77	685	114	1,544	1	2	2,346	(s)	81	2,504
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	444	1,985	0	0	0	2,429	0	0	2,429
Pipeline	0	0	0	0	66	0	611	677	769	84	2	0	95	950	151	0	1,778
Natural Gas Processing Plant	0	0	0	0	0	0	1,776	1,776	287	7,502	0	0	407	8,196	0	0	9,971
Total	0	0	0	0	66	0	2,387	2,453	1,500	9,571	2	0	502	11,575	151	0	14,178
Isobutane																	
Refinery	0	3	3	34	191	21	178	424	91	322	173	10	3	599	41	16	1,083
Bulk Terminal	0	0	0	0	57	0	126	183	112	1,207	0	0	0	1,319	0	0	1,502
Pipeline	8	18	26	0	341	0	133	474	246	117	0	50	62	475	48	0	1,023
Natural Gas Processing Plant	0	3	3	0	8	3	1,305	1,316	495	2,157	2,083	127	75	4,937	1	74	6,331
Total	8	24	32	34	597	24	1,742	2,397	944	3,803	2,256	187	140	7,330	90	90	9,939
Other Hydrocarbons and Alcohol																	
Refinery	0	4	4	0	89	0	1	90	1	11	13	0	0	25	0	4	123
Total	0	4	4	0	89	0	1	90	1	11	13	0	0	25	0	4	123
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,670	786	4,456	27	3,869	167	1,750	5,813	1,688	9,451	3,843	307	152	15,441	706	4,287	30,703
Kerosene and Lighter Gas Oils	1,271	16	1,287	0	3,618	19	1,753	5,390	114	5,754	929	50	1	6,848	181	4,227	17,933
Heavy Gas Oils	5,990	664	6,654	0	5,202	323	2,770	8,295	874	12,570	11,419	404	20	25,287	1,388	12,655	54,279
Residuum	2,361	196	2,557	80	3,405	38	1,727	5,250	372	2,885	2,451	50	25	5,783	828	9,175	23,593
Total	13,292	1,662	14,954	107	16,094	547	8,000	24,748	3,048	30,660	18,642	811	198	53,359	3,103	30,344	126,508

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,878	392	6,270	42	7,898	821	3,280	12,041	1,958	9,538	7,359	149	183	19,187	2,817	6,842	47,157
Bulk Terminal	411	0	411	5	92	2	355	454	110	154	0	1	0	265	3	5	1,138
Pipeline	0	0	0	0	0	2	539	541	91	0	0	0	0	91	0	0	632
Total	6,289	392	6,681	47	7,990	825	4,174	13,036	2,159	9,692	7,359	150	183	19,543	2,820	6,847	48,927
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	234	0	0	234	14	86	86	0	0	186	0	35	455
Total	0	0	0	0	234	0	0	234	14	86	86	0	0	186	0	35	455
Total Finished Motor Gasoline																	
Refinery	6,438	673	7,111	105	8,247	2,126	5,585	16,063	2,169	10,976	5,317	1,678	274	20,414	3,270	7,445	54,303
Bulk Terminal	44,166	3,708	47,874	2,237	23,031	5,286	6,796	37,350	2,252	6,267	2,275	2,334	280	13,408	1,824	8,224	108,680
Pipeline	15,380	876	16,256	837	7,005	1,500	8,429	17,771	2,096	5,900	5,053	9,669	109	22,827	1,458	1,894	60,206
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	21	0	111	0	0	132	13	0	163
Total Finished Motor Gasoline	66,002	5,257	71,259	3,179	38,283	8,912	20,810	71,184	6,538	23,143	12,756	13,681	663	56,781	6,565	17,563	223,352
Finished Leaded Motor Gasoline																	
Refinery	2,909	424	3,333	45	4,549	1,235	3,768	9,597	1,139	5,609	2,699	1,519	188	11,154	2,273	3,480	29,837
Bulk Terminal	25,052	1,855	26,907	1,163	12,614	3,305	4,087	21,169	1,124	4,265	1,130	1,234	183	7,936	1,174	4,246	61,432
Pipeline	10,060	423	10,483	362	4,260	920	5,041	10,583	1,207	3,383	3,019	5,471	88	13,168	1,055	784	36,073
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	16	0	49	0	0	65	8	0	91
Total	38,039	2,702	40,741	1,570	21,423	5,460	12,896	41,349	3,486	13,257	6,897	8,224	459	32,323	4,510	8,510	127,433
Finished Unleaded Motor Gasoline																	
Refinery	3,529	249	3,778	60	3,688	891	1,817	6,456	1,026	5,367	2,618	159	86	9,256	989	3,965	24,444
Bulk Terminal	19,091	1,853	20,944	1,074	10,406	1,981	2,689	16,150	1,127	2,002	1,145	1,100	97	5,471	650	3,978	47,193
Pipeline	5,320	453	5,773	475	2,745	578	3,388	7,186	889	2,517	2,034	4,198	21	9,659	403	1,110	24,131
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	5	0	62	0	0	66	5	0	71
Total	27,940	2,555	30,495	1,609	16,839	3,450	7,894	29,792	3,047	9,886	5,859	5,457	204	24,452	2,047	9,053	95,839
Gasohol																	
Refinery	0	0	0	0	10	0	0	10	4	0	0	0	0	4	8	0	22
Bulk Terminal	23	0	23	0	11	0	20	31	1	0	0	0	0	1	0	0	55
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	23	0	23	0	21	2	20	43	5	0	0	0	0	5	8	0	79
Finished Aviation Gasoline																	
Refinery	17	0	17	0	84	0	27	111	11	248	155	0	0	414	40	196	778
Bulk Terminal	288	45	333	0	193	47	58	298	45	15	9	5	41	115	6	233	985
Pipeline	0	0	0	0	0	0	12	12	0	4	0	0	0	4	0	0	16
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	49	0	0	0	0	49	0	0	49
Total	305	45	350	0	277	47	97	421	105	267	164	5	41	582	46	429	1,828
Naphtha-Type Jet Fuel																	
Refinery	265	100	365	0	437	96	362	895	258	513	399	118	91	1,379	206	775	3,620
Bulk Terminal	21	0	21	4	51	68	163	286	111	108	0	15	0	234	16	107	664
Pipeline	291	0	291	3	37	12	69	121	33	0	93	94	172	392	47	409	1,260
Total	577	100	677	7	525	176	594	1,302	402	621	492	227	263	2,005	269	1,291	5,544

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,112	89	1,201	0	1,628	82	420	2,130	404	3,208	2,649	20	15	6,296	355	2,842	12,824
Bulk Terminal	4,076	130	4,206	57	2,221	489	602	3,369	121	970	65	50	30	1,236	253	2,118	11,182
Pipeline	2,682	10	2,692	84	757	226	2,177	3,244	1,014	1,005	790	1,345	20	4,174	130	628	10,868
Total	7,870	229	8,099	141	4,606	797	3,199	8,743	1,539	5,183	3,504	1,415	65	11,706	738	5,588	34,874
Kerosene																	
Refinery	249	129	378	58	796	32	193	1,079	31	1,700	409	15	33	2,188	69	57	3,771
Bulk Terminal	4,214	369	4,583	216	880	73	266	1,435	16	578	30	20	0	644	35	72	6,769
Pipeline	398	1	399	128	178	0	43	349	14	112	363	183	0	672	0	15	1,435
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	(s)	3	0	0	3
Total	4,861	499	5,360	402	1,854	105	502	2,863	63	2,390	802	218	33	3,507	104	144	11,978
Total Distillate Fuel Oils																	
Refinery	7,124	523	7,647	58	9,360	1,579	4,926	15,923	1,263	10,157	5,865	1,207	217	18,709	1,852	4,856	48,987
Bulk Terminal	47,453	2,731	50,184	1,812	14,814	5,191	6,531	28,348	1,015	4,681	1,555	1,045	120	8,416	660	4,293	91,901
Pipeline	6,304	241	6,545	610	2,282	969	4,231	8,092	682	2,021	1,579	3,153	94	7,529	422	1,144	23,732
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	9	15	0	26	0	0	27
Total Distillate Fuel Oil	60,881	3,495	64,376	2,480	26,456	7,739	15,689	52,364	2,962	16,859	9,008	5,420	431	34,680	2,934	10,293	164,647
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,124	519	7,643	58	9,287	1,579	4,926	15,850	1,135	9,960	5,587	1,060	157	17,899	1,850	4,801	48,043
Bulk Terminal	45,895	2,731	48,626	1,806	14,724	5,191	6,496	28,217	1,015	4,627	1,513	1,044	120	8,319	660	4,246	90,068
Pipeline	6,304	241	6,545	610	2,282	969	4,231	8,092	682	2,021	1,579	3,153	94	7,529	422	1,144	23,732
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	9	15	0	26	0	0	27
Total	59,323	3,491	62,814	2,474	26,293	7,739	15,654	52,160	2,834	16,608	8,688	5,272	371	33,773	2,932	10,191	161,870
No. 4 Fuel Oil																	
Refinery	0	4	4	0	73	0	0	73	128	197	278	147	60	810	2	55	944
Bulk Terminal	1,558	0	1,558	6	90	0	35	131	0	54	42	1	0	97	0	47	1,833
Total	1,558	4	1,562	6	163	0	35	204	128	251	320	148	60	907	2	102	2,777
Residual Fuel Oils																	
Refinery	4,506	243	4,749	66	3,030	506	637	4,239	460	6,899	3,690	468	154	11,671	521	7,523	28,703
Bulk Terminal	31,348	234	31,582	343	1,513	263	892	3,011	32	2,607	4,552	213	0	7,404	0	2,144	44,141
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
Total	35,854	477	36,331	409	4,543	769	1,529	7,250	492	9,506	8,242	681	154	19,075	521	9,685	72,862
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	199	0	199	0	79	0	117	196	252	1,904	830	16	0	3,002	0	257	3,654
Total	199	0	199	0	79	0	117	196	252	1,904	830	16	0	3,002	0	257	3,654
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	1	84	85	0	127	0	7	134	188	1,744	307	17	0	2,256	0	59	2,534
Total	1	84	85	0	127	0	7	134	188	1,744	307	17	0	2,256	0	59	2,534
Special Naphthas																	
Refinery	97	41	138	1	211	0	116	328	64	1,338	55	193	0	1,650	10	311	2,437
Bulk Terminal	1,270	49	1,319	142	229	76	138	585	0	0	0	9	0	9	0	64	1,977
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	97	0	0	0	0	97	0	0	97
Total	1,367	90	1,457	143	440	76	254	913	161	1,338	55	202	0	1,756	10	375	4,511

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	206	408	614	0	49	0	56	105	0	230	53	0	0	283	7	45	1,054
Neutral	680	327	1,007	0	561	0	373	934	0	1,701	793	71	0	2,565	56	537	5,099
Other	832	121	953	0	176	0	137	313	30	1,844	338	123	2	2,337	5	109	3,717
Bulk Terminals	1,126	85	1,211	27	348	22	50	447	21	61	222	72	10	386	3	727	2,774
Total	2,844	941	3,785	27	1,134	22	616	1,799	51	3,836	1,406	266	12	5,571	71	1,418	12,644
Wax, Microcrystalline																	
Refinery	2	25	27	0	0	0	2	2	23	16	6	2	0	47	0	0	76
Total	2	25	27	0	0	0	2	2	23	16	6	2	0	47	0	0	76
Wax, Crystalline--Fully Refined																	
Refinery	7	17	24	0	13	0	19	32	0	49	121	0	0	170	1	15	242
Total	7	17	24	0	13	0	19	32	0	49	121	0	0	170	1	15	242
Wax, Crystalline--Other																	
Refinery	2	30	32	0	1	0	4	5	0	132	0	0	0	132	0	7	176
Total	2	30	32	0	1	0	4	5	0	132	0	0	0	132	0	7	176
Petroleum Coke																	
Refinery	694	0	694	0	612	64	81	757	0	230	353	86	0	669	516	1,539	4,175
Total	694	0	694	0	612	64	81	757	0	230	353	86	0	669	516	1,539	4,175
Asphalt																	
Refinery	2,053	442	2,495	658	5,467	2,335	1,581	10,041	810	588	844	1,193	290	3,725	2,786	2,330	21,377
Bulk Terminal	3,463	447	3,910	163	1,424	617	190	2,394	0	0	168	37	0	205	0	445	6,954
Total	5,516	889	6,405	821	6,891	2,952	1,771	12,435	810	588	1,012	1,230	290	3,930	2,786	2,775	28,331
Road Oil																	
Refinery	0	0	0	0	33	0	10	43	0	0	0	2	0	2	6	25	76
Total	0	0	0	0	33	0	10	43	0	0	0	2	0	2	6	25	76
Miscellaneous Products																	
Refinery	207	34	241	1	74	12	29	116	68	621	246	31	0	966	0	141	1,464
Bulk Terminal	28	2	30	0	23	3	3	29	0	0	0	25	0	25	0	18	102
Natural Gas Processing Plant	0	0	0	0	4	0	14	18	65	150	1	35	(s)	251	1	0	270
Total	235	36	271	1	101	15	46	163	133	771	247	91	(s)	1,242	1	159	1,836
Total Stocks, All Oils	--	--	246,189	--	--	--	--	329,007	--	--	--	--	--	621,664	39,743	178,024	1,414,626

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[1] Crude oil data are not collected by refinery district.
[2] Includes 8324 thousands of barrels of domestic crude oil.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.
-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	18,928	--	--	--	--	18,079	--	--	--	--	--	60,562	3,157	29,887	130,613
Tank Farms and Pipelines	--	--	2,955	--	--	--	--	68,281	--	--	--	--	--	105,033	12,950	28,204	217,423
Leases	--	--	108	--	--	--	--	1,503	--	--	--	--	--	17,024	1,326	1,659	21,620
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	150,068	0	0	150,068
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	24,052	24,052
Total	--	--	21,991	--	--	--	--	87,863	--	--	--	--	--	332,687	17,433	83,802	543,776
Petroleum Products																	
Refinery	44,573	4,977	49,550	1,370	58,226	7,843	27,870	95,309	11,499	89,961	50,288	6,479	1,678	159,905	15,949	68,454	389,167
Bulk Terminal	141,406	8,203	149,609	4,847	43,870	11,083	14,579	74,379	5,281	39,387	8,767	4,303	457	58,195	2,807	19,468	304,458
Pipeline	25,729	2,575	28,304	1,835	12,716	3,990	18,364	36,905	8,173	9,595	7,479	14,564	910	40,721	2,734	4,492	113,156
Natural Gas Processing Plant	226	341	567	0	2,751	304	29,538	32,593	6,792	28,209	12,900	4,837	1,037	53,776	279	573	87,787
Total	211,934	16,096	228,030	8,052	117,563	23,220	90,351	239,186	31,745	167,152	79,434	30,183	4,082	312,597	21,769	92,987	894,568
Natural Gasoline and Isopentane																	
Refinery	4	2	6	0	22	75	214	311	79	209	128	3	50	469	71	26	883
Pipeline	0	0	0	0	25	17	379	421	265	57	0	31	85	438	189	5	1,053
Natural Gas Processing Plant	4	19	23	0	28	11	1,123	1,162	571	2,234	1,003	19	111	3,939	64	16	5,204
Total	8	21	29	0	75	103	1,716	1,894	915	2,500	1,131	53	246	4,846	324	47	7,140
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	21	99	0	28	28	0	0	56	0	0	155
Natural Gas Processing Plant	0	0	0	0	98	1	960	1,060	337	2,470	128	66	324	3,325	34	2	4,421
Total	0	0	0	0	176	1	981	1,159	337	2,498	156	66	324	3,381	34	2	4,576
Plant Condensate																	
Refinery	0	0	0	0	4	0	0	4	10	151	0	98	0	259	0	0	263
Pipeline	0	0	0	0	0	0	0	0	851	262	49	4	17	1,183	0	0	1,183
Natural Gas Processing Plant	0	0	0	0	1	0	4	5	26	33	10	15	1	85	3	0	94
Total	0	0	0	0	5	0	4	9	887	446	59	117	18	1,527	3	0	1,540
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	552	0	0	0	552	0	0	562
Bulk Terminal	0	0	0	0	63	0	39	102	0	11	0	0	0	11	0	0	113
Pipeline	0	0	0	0	28	984	169	1,181	259	68	112	0	3	442	0	0	1,623
Natural Gas Processing Plant	0	0	0	0	22	0	331	352	435	254	514	2	0	1,205	(s)	0	1,558
Total	0	0	0	0	123	984	539	1,645	694	885	626	2	3	2,210	(s)	0	3,856
Propane for Petrochemical Feedstock Use																	
Refinery	23	0	23	0	60	0	7	67	0	5	0	0	0	5	1	0	96
Total	23	0	23	0	60	0	7	67	0	5	0	0	0	5	1	0	96
Propane for Other Uses																	
Refinery	421	8	429	3	1,717	21	343	2,084	99	813	1,000	7	12	1,931	108	169	4,721
Bulk Terminal	469	0	469	0	772	81	412	1,265	179	12,375	40	46	0	12,640	28	0	14,402
Pipeline	923	1,302	2,225	63	863	310	1,641	2,877	596	215	235	540	144	1,730	106	0	6,938
Natural Gas Processing Plant	178	317	494	0	2,473	274	19,592	22,340	3,477	6,383	4,687	3,671	319	18,537	130	298	41,799
Total	1,991	1,627	3,617	66	5,825	686	21,988	28,566	4,351	19,786	5,962	4,264	475	34,838	372	467	67,860

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	0	0	0	0	5	0	1	0	6	1	2	10
Total	1	0	1	0	0	0	0	0	0	5	0	1	0	6	1	2	10
Butane for Other Uses																	
Refinery	135	5	140	161	515	17	297	990	134	1,068	221	5	9	1,437	96	583	3,246
Bulk Terminal	154	0	154	0	311	0	151	462	121	6,692	0	0	0	6,813	0	0	7,429
Pipeline	0	135	135	0	612	0	237	849	1,201	58	5	30	75	1,369	76	0	2,429
Natural Gas Processing Plant	31	3	34	0	112	14	3,902	4,028	907	7,191	3,229	846	69	12,242	32	176	16,514
Total	320	143	463	161	1,550	31	4,587	6,329	2,363	15,009	3,455	881	153	21,861	204	759	29,618
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	3	0	0	3	0	112	19	0	4	135	0	76	214
Bulk Terminal	0	0	0	0	7	0	1	8	0	0	0	0	0	0	0	0	8
Pipeline	0	0	0	0	0	0	19	19	629	15	10	0	1	655	0	0	674
Natural Gas Processing Plant	0	0	0	0	3	0	78	81	27	3	1,328	1	0	1,359	(s)	6	1,445
Total	0	0	0	0	13	0	98	111	656	130	1,357	1	5	2,149	(s)	82	2,341
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	215	1,780	0	0	0	1,995	0	0	1,995
Pipeline	0	0	0	0	66	0	560	626	518	84	2	0	104	708	159	0	1,493
Natural Gas Processing Plant	0	0	0	0	0	0	2,281	2,281	250	7,429	0	0	146	7,825	0	0	10,106
Total	0	0	0	0	66	0	2,841	2,907	983	9,293	2	0	250	10,528	159	0	13,594
Isobutane																	
Refinery	6	2	8	26	206	8	183	423	59	264	171	12	5	511	36	38	1,016
Bulk Terminal	0	0	0	0	76	0	49	125	126	1,551	0	0	0	1,677	0	0	1,802
Pipeline	0	4	4	0	201	0	195	396	209	56	0	0	54	319	43	0	762
Natural Gas Processing Plant	0	2	2	0	10	3	1,259	1,273	582	2,089	1,941	188	66	4,866	1	74	6,216
Total	6	8	14	26	493	11	1,686	2,217	976	3,960	2,112	200	125	7,373	80	112	9,796
Other Hydrocarbons and Alcohol																	
Refinery	0	8	8	0	76	0	1	77	1	7	1	0	0	9	0	3	97
Total	0	8	8	0	76	0	1	77	1	7	1	0	0	9	0	3	97
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,627	623	4,250	44	3,261	178	1,810	5,293	1,728	8,959	5,305	275	166	16,433	745	5,722	32,443
Kerosene and Lighter Gas Oils	1,537	17	1,554	0	3,038	12	1,781	4,831	457	5,194	894	44	3	6,592	304	4,072	17,353
Heavy Gas Oils	8,383	506	8,889	102	5,379	248	2,614	8,343	1,515	12,502	8,591	368	42	23,018	1,405	12,530	54,185
Residuum	1,156	188	1,344	2	3,551	44	2,093	5,690	361	2,737	2,968	68	12	6,146	799	8,369	22,348
Total	14,703	1,334	16,037	148	15,229	482	8,298	24,157	4,061	29,392	17,758	755	223	52,189	3,253	30,693	126,329

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,077	239	5,316	24	7,190	736	3,596	11,546	1,420	9,235	7,095	127	200	18,077	2,707	6,424	44,070
Bulk Terminal	338	0	338	4	130	3	293	430	143	212	0	1	0	356	3	9	1,136
Pipeline	0	0	0	0	0	2	413	415	65	0	0	0	0	65	0	0	480
Total	5,415	239	5,654	28	7,320	741	4,302	12,391	1,628	9,447	7,095	128	200	18,498	2,710	6,433	45,686
Aviation Gasoline Blending Components																	
Refinery	2	0	2	0	287	0	0	287	6	59	85	0	0	150	0	21	460
Total	2	0	2	0	287	0	0	287	6	59	85	0	0	150	0	21	460
Total Finished Motor Gasoline																	
Refinery	5,761	702	6,463	117	9,010	1,753	5,026	15,906	2,002	10,466	5,523	1,862	247	20,100	2,629	7,059	52,157
Bulk Terminal	40,585	3,873	44,458	2,021	21,293	4,649	6,143	34,106	2,619	5,818	1,833	2,735	278	13,283	1,752	8,320	101,919
Pipeline	15,696	853	16,549	835	7,598	1,489	7,763	17,685	2,252	5,591	3,927	8,353	185	20,308	1,462	2,509	58,513
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	13	0	56	0	0	69	11	0	94
Total Finished Motor Gasoline	62,055	5,428	67,483	2,973	37,901	7,891	18,932	67,697	6,886	21,875	11,339	12,950	710	53,760	5,854	17,888	212,683
Finished Leaded Motor Gasoline																	
Refinery	2,596	357	2,953	50	4,796	1,093	3,461	9,400	1,012	5,001	2,710	1,710	180	10,613	1,823	3,316	28,105
Bulk Terminal	21,937	1,813	23,750	1,037	11,295	2,771	3,644	18,747	1,269	3,826	992	1,438	178	7,703	1,141	4,145	55,486
Pipeline	7,049	354	7,403	428	4,377	888	4,566	10,259	884	2,814	1,814	4,851	162	10,525	997	1,093	30,277
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	10	0	28	0	0	37	7	0	58
Total	31,595	2,524	34,119	1,515	20,468	4,752	11,671	38,406	3,175	11,641	5,544	7,999	520	28,878	3,968	8,554	113,926
Finished Unleaded Motor Gasoline																	
Refinery	3,165	345	3,510	67	4,203	660	1,565	6,495	982	5,465	2,813	152	67	9,479	799	3,743	24,026
Bulk Terminal	18,629	2,060	20,689	984	9,991	1,878	2,476	15,329	1,342	1,992	841	1,297	100	5,572	611	4,175	46,376
Pipeline	8,647	499	9,146	407	3,221	600	3,197	7,425	1,368	2,777	2,113	3,502	23	9,783	465	1,416	28,235
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	29	0	0	32	5	0	36
Total	30,441	2,904	33,345	1,458	17,415	3,138	7,238	29,249	3,695	10,234	5,796	4,951	190	24,866	1,880	9,334	98,673
Gasohol																	
Refinery	0	0	0	0	11	0	0	11	8	0	0	0	0	8	7	0	26
Bulk Terminal	19	0	19	0	7	0	23	30	8	0	0	0	0	8	0	0	57
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	19	0	19	0	18	1	23	42	16	0	0	0	0	16	7	0	84
Finished Aviation Gasoline																	
Refinery	11	0	11	0	143	0	48	191	9	339	201	0	0	549	45	222	1,018
Bulk Terminal	408	53	461	0	181	43	57	281	38	12	11	6	26	93	5	241	1,081
Pipeline	0	0	0	0	6	0	10	16	0	4	0	0	0	4	7	0	27
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	12	0	0	0	0	12	0	0	12
Total	419	53	472	0	330	43	115	488	59	355	212	6	26	658	57	463	2,138
Naphtha-Type Jet Fuel																	
Refinery	273	112	385	0	481	83	426	990	281	667	384	149	180	1,661	168	668	3,872
Bulk Terminal	20	0	20	4	49	67	188	308	112	103	0	17	0	232	3	29	592
Pipeline	276	0	276	3	10	42	1	56	46	0	69	105	140	360	73	453	1,218
Total	569	112	681	7	540	192	615	1,354	439	770	453	271	320	2,253	244	1,150	5,682

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,053	73	1,126	0	2,083	87	469	2,639	299	3,618	3,209	17	14	7,157	398	3,625	14,945
Bulk Terminal	4,597	114	4,711	65	2,596	458	684	3,803	195	1,232	59	50	29	1,565	238	2,355	12,672
Pipeline	2,732	46	2,778	120	1,026	201	2,059	3,406	535	1,240	713	1,855	16	4,359	143	484	11,170
Total	8,382	233	8,615	185	5,705	746	3,212	9,848	1,029	6,090	3,981	1,922	59	13,081	779	6,464	38,787
Kerosene																	
Refinery	201	131	332	53	800	65	287	1,205	74	1,829	430	14	40	2,387	62	115	4,101
Bulk Terminal	4,403	385	4,788	241	953	138	265	1,597	15	931	16	23	0	985	34	73	7,477
Pipeline	359	0	359	109	188	0	37	334	30	12	174	297	0	513	0	44	1,250
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	(s)	3	0	0	3
Total	4,963	516	5,479	403	1,941	203	589	3,136	121	2,772	620	334	40	3,888	96	232	12,831
Total Distillate Fuel Oils																	
Refinery	6,648	513	7,161	51	9,803	1,384	5,163	16,401	1,162	13,073	6,048	1,237	312	21,832	2,024	5,043	52,461
Bulk Terminal	52,068	2,989	55,057	1,784	13,897	4,603	5,240	25,524	1,461	5,107	1,464	1,014	113	9,159	740	4,713	95,193
Pipeline	5,743	235	5,978	705	2,015	945	4,860	8,525	717	1,905	2,155	3,349	86	8,212	476	980	24,171
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	(s)	0	2	8	0	11	0	0	12
Total Distillate Fuel Oil	64,459	3,737	68,196	2,540	25,715	6,932	15,264	50,451	3,340	20,085	9,669	5,608	511	39,214	3,240	10,736	171,837
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,648	507	7,155	51	9,736	1,384	5,163	16,334	950	12,911	5,847	1,101	252	21,061	2,023	4,986	51,559
Bulk Terminal	50,278	2,989	53,267	1,776	13,866	4,603	5,240	25,485	1,461	5,093	1,464	1,013	113	9,144	740	4,679	93,315
Pipeline	5,743	235	5,978	705	2,015	945	4,860	8,525	717	1,905	2,155	3,349	86	8,212	476	980	24,171
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	(s)	0	2	8	0	11	0	0	12
Total	62,669	3,731	66,400	2,532	25,617	6,932	15,264	50,345	3,128	19,909	9,468	5,471	451	38,428	3,239	10,645	169,057
No. 4 Fuel Oil																	
Refinery	0	6	6	0	67	0	0	67	212	162	201	136	60	771	1	57	902
Bulk Terminal	1,790	0	1,790	8	31	0	0	39	0	14	0	1	0	15	0	34	1,878
Total	1,790	6	1,796	8	98	0	0	106	212	176	201	137	60	786	1	91	2,780
Residual Fuel Oils																	
Refinery	5,071	277	5,348	62	3,137	493	738	4,430	399	8,152	3,959	457	115	13,082	568	8,177	31,605
Bulk Terminal	32,619	259	32,878	351	1,407	174	764	2,696	32	3,409	4,947	227	0	8,615	0	2,323	46,512
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
Total	37,690	536	38,226	413	4,544	667	1,502	7,126	431	11,561	8,906	684	115	21,697	568	10,517	78,134
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	202	0	202	0	88	0	105	193	223	1,606	809	30	0	2,668	0	277	3,340
Total	202	0	202	0	88	0	105	193	223	1,606	809	30	0	2,668	0	277	3,340
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	3	110	113	0	114	0	1	115	230	1,121	266	21	0	1,638	0	92	1,958
Total	3	110	113	0	114	0	1	115	230	1,121	266	21	0	1,638	0	92	1,958
Special Naphthas																	
Refinery	89	44	133	1	231	0	255	487	41	1,629	48	181	0	1,899	9	402	2,930
Bulk Terminal	1,193	47	1,240	158	252	76	88	574	0	0	0	8	0	8	0	70	1,892
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	106	0	0	0	0	106	0	0	106
Total	1,282	91	1,373	159	483	76	343	1,061	147	1,629	48	189	0	2,013	9	472	4,928

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	181	425	606	0	70	0	96	166	0	222	57	0	0	279	8	51	1,110
Neutral	784	309	1,093	0	492	0	369	861	0	1,734	918	78	0	2,730	60	478	5,222
Other	911	114	1,025	0	185	0	135	320	41	1,932	359	110	1	2,443	10	103	3,901
Bulk Terminals	1,080	90	1,170	28	426	33	52	539	25	154	215	65	11	470	4	717	2,900
Total	2,956	938	3,894	28	1,173	33	652	1,886	66	4,042	1,549	253	12	5,922	82	1,349	13,133
Wax, Microcrystalline																	
Refinery	2	25	27	0	0	0	11	11	29	17	4	3	0	53	0	0	91
Total	2	25	27	0	0	0	11	11	29	17	4	3	0	53	0	0	91
Wax, Crystalline--Fully Refined																	
Refinery	9	13	22	0	17	0	16	33	0	44	113	0	0	157	5	21	238
Total	9	13	22	0	17	0	16	33	0	44	113	0	0	157	5	21	238
Wax, Crystalline--Other																	
Refinery	1	34	35	0	1	0	5	6	0	120	0	0	0	120	0	10	171
Total	1	34	35	0	1	0	5	6	0	120	0	0	0	120	0	10	171
Petroleum Coke																	
Refinery	792	0	792	0	739	0	101	840	0	222	447	104	0	773	523	1,416	4,344
Total	792	0	792	0	739	0	101	840	0	222	447	104	0	773	523	1,416	4,344
Asphalt																	
Refinery	1,973	453	2,426	724	5,394	2,629	1,635	10,382	787	676	833	1,169	266	3,731	3,161	2,410	22,110
Bulk Terminal	3,446	391	3,837	191	1,429	753	151	2,524	0	0	182	87	0	269	0	604	7,234
Total	5,419	844	6,263	915	6,823	3,382	1,786	12,906	787	676	1,015	1,256	266	4,000	3,161	3,014	29,344
Road Oil																	
Refinery	0	0	0	0	44	0	8	52	0	0	0	2	0	2	6	42	102
Total	0	0	0	0	44	0	8	52	0	0	0	2	0	2	6	42	102
Miscellaneous Products																	
Refinery	236	44	280	0	75	10	37	122	52	622	202	37	0	913	0	208	1,523
Bulk Terminal	26	2	28	0	28	5	2	35	0	0	0	24	0	24	0	14	101
Natural Gas Processing Plant	0	0	0	0	4	0	7	10	47	123	1	20	(s)	192	2	0	204
Total	262	46	308	0	107	15	46	167	99	745	203	81	(s)	1,129	2	222	1,828
Total Stocks, All Oils	--	--	250,021	--	--	--	--	327,049	--	--	--	--	--	645,284	39,202	176,789	1,438,344

[1] Crude oil data are not collected by refinery district.

[2] Includes 12122 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding

Sources. See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,185	--	--	--	--	16,941	--	--	--	--	--	54,704	2,926	32,879	123,635
Tank Farms and Pipelines	--	--	2,771	--	--	--	--	69,216	--	--	--	--	--	102,373	12,919	30,429	217,708
Leases	--	--	95	--	--	--	--	1,478	--	--	--	--	--	16,904	1,361	1,775	21,613
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	163,081	0	0	163,081
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	21,780	21,780
Total	--	--	19,051	--	--	--	--	87,635	--	--	--	--	--	337,062	17,206	86,863	547,817
Petroleum Products																	
Refinery	45,584	4,388	49,972	1,543	53,655	7,484	25,475	88,157	11,536	90,914	48,159	5,948	1,646	158,203	15,101	70,199	381,632
Bulk Terminal	139,407	7,684	147,091	4,524	42,330	10,311	14,506	71,671	4,624	39,747	6,639	4,292	314	55,616	2,662	19,881	296,921
Pipeline	25,323	3,106	28,429	1,840	12,957	3,866	17,508	36,171	8,378	10,259	7,084	14,330	711	40,762	2,660	4,490	112,512
Natural Gas Processing Plant	244	400	644	0	2,948	342	31,154	34,444	6,570	27,666	14,757	5,028	1,037	55,058	230	935	91,311
Total	210,558	15,578	226,136	7,907	111,890	22,003	88,643	230,443	31,108	168,586	76,639	29,598	3,708	309,639	20,653	95,505	882,376
Natural Gasoline and Isopentane																	
Refinery	3	3	6	0	23	149	236	408	87	273	176	3	44	583	67	36	1,100
Pipeline	0	0	0	0	19	31	365	415	268	68	0	27	46	409	185	5	1,014
Natural Gas Processing Plant	3	29	32	0	34	18	1,089	1,141	486	2,331	706	20	128	3,670	51	16	4,911
Total	6	32	38	0	76	198	1,690	1,964	841	2,672	882	50	218	4,662	303	57	7,025
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	33	111	0	28	28	0	0	56	0	0	167
Natural Gas Processing Plant	0	0	0	0	96	2	920	1,017	398	2,788	119	45	221	3,571	30	2	4,620
Total	0	0	0	0	174	2	953	1,128	398	2,816	147	45	221	3,627	30	2	4,787
Plant Condensate																	
Refinery	0	0	0	0	1	0	0	1	10	134	0	89	0	233	0	0	234
Pipeline	0	0	0	0	0	0	0	0	916	260	49	36	17	1,278	0	0	1,278
Natural Gas Processing Plant	0	0	0	0	1	0	4	6	28	48	6	13	1	95	3	0	103
Total	0	0	0	0	2	0	4	7	954	442	55	138	18	1,606	3	0	1,615
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	639	0	0	0	639	0	0	649
Bulk Terminal	0	0	0	0	32	0	39	71	0	175	0	0	0	175	0	0	246
Pipeline	0	0	0	0	58	979	200	1,237	225	67	112	0	3	407	0	0	1,644
Natural Gas Processing Plant	0	0	0	0	22	0	297	319	431	176	579	2	0	1,188	(s)	0	1,508
Total	0	0	0	0	122	979	536	1,637	656	1,057	691	2	3	2,409	(s)	0	4,047
Propane for Petrochemical Feedstock Use																	
Refinery	16	0	16	0	52	0	12	64	0	5	0	0	0	5	1	0	86
Total	16	0	16	0	52	0	12	64	0	5	0	0	0	5	1	0	86
Propane for Other Uses																	
Refinery	407	4	411	4	1,846	22	240	2,112	100	692	881	6	4	1,683	112	227	4,545
Bulk Terminal	536	0	536	0	1,063	61	401	1,525	152	13,882	26	42	0	14,102	31	0	16,194
Pipeline	894	1,706	2,600	63	1,011	283	1,400	2,757	571	87	243	582	83	1,566	109	0	7,032
Natural Gas Processing Plant	199	364	563	0	2,624	310	20,601	23,535	3,609	6,065	6,511	3,900	325	20,409	110	382	44,999
Total	2,036	2,074	4,110	67	6,544	676	22,642	29,929	4,432	20,726	7,661	4,530	412	37,760	362	609	72,770

See footnotes at end of table.

(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	5	0	2	0	7	1	1	9
Total	0	0	0	0	0	0	0	0	0	5	0	2	0	7	1	1	9
Butane for Other Uses																	
Refinery	199	3	202	204	692	31	337	1,264	211	756	234	2	6	1,209	113	654	3,442
Bulk Terminal	170	0	170	0	405	0	83	488	87	6,778	0	0	0	6,865	0	0	7,523
Pipeline	10	159	169	0	660	0	153	813	1,247	99	5	135	42	1,528	58	0	2,568
Natural Gas Processing Plant	23	3	26	0	154	9	4,679	4,842	655	7,654	3,862	738	104	13,013	24	277	18,183
Total	402	165	567	204	1,911	40	5,252	7,407	2,200	15,287	4,101	875	152	22,615	195	931	31,716
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Total	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	0	102	19	1	4	126	0	89	216
Bulk Terminal	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	9
Pipeline	0	0	0	0	0	0	19	19	598	25	10	0	1	634	0	0	653
Natural Gas Processing Plant	(s)	0	(s)	0	3	0	49	51	45	1	1,153	1	0	1,200	1	6	1,258
Total	(s)	0	(s)	0	13	0	68	80	643	128	1,182	2	5	1,960	1	95	2,136
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	198	1,944	0	0	0	2,142	0	0	2,142
Pipeline	0	0	0	0	66	0	540	606	618	57	2	0	61	738	160	0	1,504
Natural Gas Processing Plant	0	0	0	0	0	0	2,244	2,244	188	6,725	0	0	174	7,086	0	0	9,331
Total	0	0	0	0	66	0	2,784	2,850	1,004	8,726	2	0	235	9,966	160	0	12,977
Isobutane																	
Refinery	0	3	3	53	145	16	179	393	56	336	170	11	5	578	30	34	1,038
Bulk Terminal	0	0	0	0	86	0	40	126	121	1,482	0	0	0	1,603	0	0	1,729
Pipeline	20	24	44	0	285	0	162	447	206	47	0	100	31	384	43	0	918
Natural Gas Processing Plant	0	5	5	0	10	2	1,258	1,271	534	1,755	1,816	265	83	4,453	1	251	5,981
Total	20	32	52	53	526	18	1,639	2,237	917	3,620	1,986	376	119	7,018	74	285	9,666
Other Hydrocarbons and Alcohol																	
Refinery	0	2	2	0	51	0	1	52	1	2	1	0	0	4	0	1	59
Total	0	2	2	0	51	0	1	52	1	2	1	0	0	4	0	1	59
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,322	601	3,923	27	3,334	202	1,386	4,949	1,653	9,225	5,331	217	231	16,657	650	5,439	31,618
Kerosene and Lighter Gas Oils	1,049	14	1,063	0	2,679	8	1,375	4,062	475	6,122	848	35	3	7,483	320	4,107	17,035
Heavy Gas Oils	8,977	567	9,544	162	5,431	252	2,559	8,404	1,288	12,633	8,506	426	39	22,892	1,485	12,303	54,628
Residuum	1,447	196	1,643	1	3,063	86	2,144	5,294	363	3,180	3,759	25	2	7,329	712	7,821	22,799
Total	14,795	1,378	16,173	190	14,507	548	7,464	22,709	3,779	31,160	18,444	703	275	54,361	3,167	29,670	126,080

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	6,231	179	6,410	23	7,035	552	3,032	10,642	1,470	9,343	7,392	168	177	18,550	2,204	8,081	45,887
Bulk Terminal	382	0	382	3	162	2	237	404	109	264	0	1	0	374	3	8	1,171
Pipeline	0	0	0	0	69	1	430	500	51	0	0	0	0	51	0	0	551
Total	6,613	179	6,792	26	7,266	555	3,699	11,546	1,630	9,607	7,392	169	177	18,975	2,207	8,089	47,609
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	233	0	0	233	11	70	80	0	0	161	0	28	422
Total	0	0	0	0	233	0	0	233	11	70	80	0	0	161	0	28	422
Total Finished Motor Gasoline																	
Refinery	5,530	438	5,968	95	7,546	1,328	4,131	13,100	2,216	8,938	4,750	1,385	184	17,473	2,434	6,978	45,953
Bulk Terminal	37,251	3,613	40,864	1,850	18,818	4,227	6,154	31,049	2,329	4,266	1,518	2,606	187	10,906	1,545	8,557	92,921
Pipeline	14,923	999	15,922	711	7,103	1,529	7,363	16,706	1,543	5,266	4,009	7,604	149	18,571	1,244	2,657	55,100
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	6	0	0	0	0	6	10	0	34
Total Finished Motor Gasoline	57,722	5,050	62,772	2,656	33,467	7,084	17,648	60,855	6,094	18,470	10,277	11,595	520	46,956	5,233	18,192	194,008
Finished Leaded Motor Gasoline																	
Refinery	2,578	267	2,845	53	3,859	646	2,637	7,195	1,073	4,132	2,246	1,243	125	8,819	1,601	3,359	23,819
Bulk Terminal	18,959	1,766	20,725	940	9,450	2,573	3,615	16,578	1,083	2,621	583	1,386	112	5,785	979	4,360	48,427
Pipeline	7,036	474	7,510	313	4,015	999	4,166	9,493	873	2,496	1,885	4,111	110	9,475	865	1,577	28,920
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	5	0	0	0	0	5	6	0	29
Total	28,591	2,507	31,098	1,306	17,324	4,218	10,418	33,266	3,034	9,249	4,714	6,740	347	24,084	3,451	9,296	101,195
Finished Unleaded Motor Gasoline																	
Refinery	2,952	171	3,123	42	3,686	682	1,494	5,904	1,136	4,806	2,504	142	59	8,647	827	3,615	22,116
Bulk Terminal	18,274	1,847	20,121	910	9,347	1,654	2,522	14,433	1,242	1,645	935	1,220	75	5,117	566	4,197	44,434
Pipeline	7,887	525	8,412	398	3,088	529	3,197	7,212	670	2,770	2,124	3,493	39	9,096	379	1,080	26,179
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	1	4	0	5
Total	29,113	2,543	31,656	1,350	16,121	2,865	7,213	27,549	3,049	9,221	5,563	4,855	173	22,861	1,776	8,892	92,734
Gasohol																	
Refinery	0	0	0	0	1	0	0	1	7	0	0	0	0	7	6	4	18
Bulk Terminal	18	0	18	0	21	0	17	38	4	0	0	0	0	4	0	0	60
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	18	0	18	0	22	1	17	40	11	0	0	0	0	11	6	4	79
Finished Aviation Gasoline																	
Refinery	16	0	16	0	122	0	35	157	7	372	156	0	0	535	39	223	970
Bulk Terminal	417	43	460	0	172	46	41	259	30	0	5	5	5	45	5	212	981
Pipeline	25	0	25	0	20	0	32	52	14	17	0	0	0	31	0	0	108
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	38	0	0	0	0	38	0	0	38
Total	458	43	501	0	314	46	108	468	89	389	161	5	5	649	44	435	2,097
Naphtha-Type Jet Fuel																	
Refinery	352	107	459	0	526	90	358	974	249	665	411	107	157	1,589	194	735	3,951
Bulk Terminal	19	0	19	4	32	39	219	294	126	107	0	22	0	255	3	72	643
Pipeline	331	0	331	3	10	50	197	260	49	0	34	106	155	344	109	409	1,453
Total	702	107	809	7	568	179	774	1,528	424	772	445	235	312	2,188	306	1,216	6,047

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,042	18	1,060	0	2,173	57	471	2,701	297	4,253	2,319	9	12	6,890	405	3,595	14,651
Bulk Terminal	4,681	103	4,784	61	3,162	630	705	4,558	196	1,136	59	40	19	1,450	217	2,359	13,368
Pipeline	2,840	57	2,897	140	968	137	2,207	3,452	839	1,113	436	1,353	18	3,759	192	504	10,804
Total	8,563	178	8,741	201	6,303	824	3,383	10,711	1,332	6,502	2,814	1,402	49	12,099	814	6,458	38,823
Kerosene																	
Refinery	342	105	447	53	707	56	248	1,064	28	2,433	373	10	59	2,903	63	78	4,555
Bulk Terminal	4,592	324	4,916	232	960	100	263	1,555	16	734	23	18	0	791	35	69	7,366
Pipeline	393	0	393	122	203	0	37	362	13	189	311	171	0	684	0	74	1,513
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	5,327	429	5,756	407	1,870	156	548	2,981	59	3,356	707	199	60	4,381	98	221	13,437
Total Distillate Fuel Oils																	
Refinery	7,256	482	7,738	53	8,433	1,583	5,254	15,323	1,216	13,403	5,846	1,274	361	22,100	2,049	5,346	52,556
Bulk Terminal	57,201	2,777	59,978	1,651	13,844	4,189	5,263	24,947	1,205	6,548	1,569	1,106	91	10,519	820	4,947	101,211
Pipeline	5,887	161	6,048	801	2,384	856	4,370	8,411	1,220	2,936	1,845	4,216	105	10,322	560	826	26,167
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	3	6	0	10	0	0	11
Total Distillate Fuel Oil	70,344	3,420	73,764	2,505	24,661	6,628	14,888	48,682	3,642	22,887	9,263	6,602	557	42,951	3,429	11,119	179,945
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,256	477	7,733	53	8,371	1,583	5,254	15,261	1,053	13,172	5,565	1,193	210	21,193	2,030	5,282	51,499
Bulk Terminal	55,555	2,776	58,331	1,640	13,801	4,189	5,263	24,893	1,205	6,263	1,569	1,105	91	10,233	820	4,899	99,176
Pipeline	5,887	161	6,048	801	2,384	856	4,370	8,411	1,220	2,936	1,845	4,216	105	10,322	560	826	26,167
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	3	6	0	10	0	0	11
Total	68,698	3,414	72,112	2,494	24,556	6,628	14,888	48,566	3,479	22,371	8,982	6,520	406	41,758	3,410	11,007	176,853
No. 4 Fuel Oil																	
Refinery	0	5	5	0	62	0	0	62	163	231	281	81	151	907	19	64	1,057
Bulk Terminal	1,646	1	1,647	11	43	0	0	54	0	285	0	1	0	286	0	48	2,035
Total	1,646	6	1,652	11	105	0	0	116	163	516	281	82	151	1,193	19	112	3,092
Residual Fuel Oils																	
Refinery	4,730	252	4,982	61	2,939	477	653	4,130	380	7,241	3,032	403	116	11,172	588	8,862	29,734
Bulk Terminal	28,355	259	28,614	425	1,436	215	831	2,907	32	2,377	3,103	284	0	5,796	0	2,338	39,655
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	33,085	511	33,596	486	4,375	692	1,484	7,037	412	9,618	6,135	687	116	16,968	588	11,215	69,404
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	198	0	198	0	50	0	93	143	228	1,832	577	17	0	2,654	0	251	3,246
Total	198	0	198	0	50	0	93	143	228	1,832	577	17	0	2,654	0	251	3,246
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	91	93	0	127	0	1	128	210	1,325	363	19	0	1,917	0	147	2,285
Total	2	91	93	0	127	0	1	128	210	1,325	363	19	0	1,917	0	147	2,285
Special Naphthas																	
Refinery	84	38	122	1	202	0	212	415	45	1,381	77	220	0	1,723	8	377	2,645
Bulk Terminal	1,240	45	1,285	102	211	81	31	425	0	0	0	8	0	8	0	78	1,796
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	104	0	0	0	0	104	0	0	104
Total	1,324	83	1,407	103	413	81	243	840	149	1,381	77	228	0	1,835	8	455	4,545

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	190	363	553	0	75	0	85	160	0	209	108	0	0	317	7	55	1,092
Neutral	797	283	1,080	0	565	0	409	974	0	1,795	928	67	0	2,790	64	579	5,487
Other	905	140	1,045	0	186	0	160	346	31	1,946	324	124	1	2,426	10	109	3,936
Bulk Terminals	1,305	78	1,383	25	467	25	49	566	23	54	179	78	12	346	3	781	3,079
Total	3,197	864	4,061	25	1,293	25	703	2,046	54	4,004	1,539	269	13	5,879	84	1,524	13,594
Wax, Microcrystalline																	
Refinery	2	24	26	0	0	0	9	9	28	18	6	0	0	52	0	0	87
Total	2	24	26	0	0	0	9	9	28	18	6	0	0	52	0	0	87
Wax, Crystalline--Fully Refined																	
Refinery	7	13	20	0	6	0	15	21	0	96	123	0	0	219	1	18	279
Total	7	13	20	0	6	0	15	21	0	96	123	0	0	219	1	18	279
Wax, Crystalline--Other																	
Refinery	2	25	27	0	2	0	5	7	0	121	0	0	0	121	0	10	165
Total	2	25	27	0	2	0	5	7	0	121	0	0	0	121	0	10	165
Petroleum Coke																	
Refinery	535	0	535	0	421	175	95	691	1	214	447	104	0	766	522	1,276	3,790
Total	535	0	535	0	421	175	95	691	1	214	447	104	0	766	522	1,276	3,790
Asphalt																	
Refinery	1,704	405	2,109	805	4,861	2,387	1,706	9,759	801	684	715	1,188	241	3,629	3,016	2,380	20,893
Bulk Terminal	3,234	441	3,675	171	1,432	692	149	2,444	0	0	157	52	0	209	0	449	6,777
Total	4,938	846	5,784	976	6,293	3,079	1,855	12,203	801	684	872	1,240	241	3,838	3,016	2,829	27,670
Road Oil																	
Refinery	0	0	0	0	40	0	12	52	0	0	0	2	0	2	6	15	75
Total	0	0	0	0	40	0	12	52	0	0	0	2	0	2	6	15	75
Miscellaneous Products																	
Refinery	239	32	271	1	78	13	22	114	72	471	207	34	0	784	0	344	1,513
Bulk Terminal	24	1	25	0	39	4	1	44	0	0	0	30	0	30	0	11	110
Pipeline	0	0	0	0	23	0	0	23	0	0	0	0	0	0	0	0	23
Natural Gas Processing Plant	0	0	0	0	4	0	13	16	46	123	1	39	(s)	209	1	0	227
Total	263	33	296	1	144	17	36	197	118	594	208	103	(s)	1,023	1	355	1,873
Total Stocks, All Oils	--	--	245,187	--	--	--	--	318,078	--	--	--	--	--	646,701	37,859	182,368	1,430,193

[1] Crude oil data are not collected by refinery district.

[2] Includes 15653 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	17,438	--	--	--	--	17,299	--	--	--	--	--	54,880	2,819	31,045	123,481
Tank Farms and Pipelines	--	--	3,183	--	--	--	--	67,420	--	--	--	--	--	101,790	12,230	31,478	216,101
Leases	--	--	118	--	--	--	--	1,454	--	--	--	--	--	16,674	1,282	1,709	21,237
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	173,128	0	0	173,128
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	25,033	25,033
Total	--	--	20,739	--	--	--	--	86,173	--	--	--	--	--	346,472	16,331	89,265	558,980
Petroleum Products																	
Refinery	45,615	4,339	49,954	1,490	50,646	6,759	24,637	83,532	11,223	90,984	47,817	5,790	1,822	157,636	14,183	66,924	372,229
Bulk Terminal	139,609	7,391	147,000	5,004	42,939	9,195	13,704	70,842	4,188	41,728	7,434	4,211	281	57,842	2,957	21,459	300,100
Pipeline	24,887	3,490	28,377	2,092	11,646	3,858	17,581	35,177	8,246	10,017	7,288	14,291	1,005	40,847	2,514	4,829	111,744
Natural Gas Processing Plant	259	465	724	0	3,255	358	33,390	37,003	6,638	26,888	16,695	5,143	1,009	56,372	236	1,135	95,469
Total	210,370	15,685	226,055	8,586	108,486	20,170	89,312	226,554	30,295	169,617	79,234	29,435	4,117	312,697	19,890	94,347	879,542
Natural Gasoline and Isopentane																	
Refinery	2	4	6	0	9	182	203	394	51	271	185	3	33	543	90	25	1,058
Pipeline	0	0	0	0	19	61	323	403	193	63	0	6	64	326	173	5	907
Natural Gas Processing Plant	2	23	24	0	29	14	1,144	1,186	414	1,891	513	15	101	2,934	45	19	4,208
Total	4	27	30	0	57	257	1,670	1,983	658	2,225	698	24	198	3,803	308	49	6,173
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	29	107	0	28	28	0	0	56	0	0	163
Natural Gas Processing Plant	0	0	0	0	98	2	1,234	1,334	435	2,943	96	59	188	3,722	29	3	5,088
Total	0	0	0	0	176	2	1,263	1,441	435	2,971	124	59	188	3,778	29	3	5,251
Plant Condensate																	
Refinery	0	0	0	0	3	0	0	3	11	179	0	107	0	297	0	0	300
Pipeline	0	0	0	0	47	0	0	47	950	168	49	20	17	1,204	0	0	1,251
Natural Gas Processing Plant	0	0	0	0	2	0	4	6	25	21	9	11	1	66	3	0	76
Total	0	0	0	0	52	0	4	56	986	368	58	138	18	1,567	3	0	1,627
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	841	0	0	0	841	0	0	851
Bulk Terminal	0	0	0	0	70	0	43	113	0	252	0	0	0	252	0	0	365
Pipeline	0	0	0	0	24	962	168	1,154	231	67	112	0	3	413	0	0	1,567
Natural Gas Processing Plant	0	0	0	0	22	0	212	234	467	3	471	1	0	942	(s)	0	1,176
Total	0	0	0	0	126	962	423	1,511	698	1,163	583	1	3	2,448	(s)	0	3,959
Propane for Petrochemical Feedstock Use																	
Refinery	32	0	32	0	79	0	13	92	0	5	0	0	0	5	1	0	130
Total	32	0	32	0	79	0	13	92	0	5	0	0	0	5	1	0	130
Propane for Other Uses																	
Refinery	493	3	496	2	1,751	13	288	2,054	110	866	966	4	5	1,951	135	248	4,884
Bulk Terminal	1,013	0	1,013	0	1,262	67	391	1,720	148	14,776	0	53	0	14,977	31	0	17,741
Pipeline	728	2,121	2,849	61	670	263	1,478	2,472	541	109	239	583	153	1,625	112	0	7,058
Natural Gas Processing Plant	220	436	656	0	2,898	325	21,711	24,934	3,713	6,314	8,138	4,096	331	22,593	117	420	48,719
Total	2,454	2,560	5,014	63	6,581	668	23,868	31,180	4,512	22,065	9,343	4,736	489	41,146	395	668	78,402

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	0	0	0	0	4	1	4	0	9	0	1	11
Total	1	0	1	0	0	0	0	0	0	4	1	4	0	9	0	1	11
Butane for Other Uses																	
Refinery	173	3	176	228	817	41	378	1,464	284	798	171	2	4	1,259	119	693	3,711
Bulk Terminal	183	0	183	0	477	0	89	566	90	6,999	0	0	0	7,089	0	0	7,838
Pipeline	0	146	146	0	994	0	165	1,159	1,246	83	5	75	68	1,477	61	0	2,843
Natural Gas Processing Plant	21	3	24	0	197	13	5,321	5,531	694	7,877	4,387	697	101	13,757	29	320	19,660
Total	377	152	529	228	2,485	54	5,953	8,720	2,314	15,757	4,563	774	173	23,582	209	1,013	34,052
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	0	10	16	0	5	31	0	68	100
Bulk Terminal	0	0	0	0	12	0	1	13	0	0	0	0	0	0	0	0	13
Pipeline	0	0	0	0	0	0	19	19	625	31	4	0	1	661	0	0	680
Natural Gas Processing Plant	0	0	0	0	1	0	88	89	4	4	1,016	1	0	1,025	(s)	6	1,120
Total	0	0	0	0	14	0	108	122	629	45	1,036	1	6	1,717	(s)	74	1,913
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	213	2,305	0	0	0	2,518	0	0	2,518
Pipeline	0	0	0	0	66	0	551	617	547	54	2	0	123	726	172	0	1,515
Natural Gas Processing Plant	0	0	0	0	0	0	2,608	2,608	232	6,111	0	0	198	6,541	0	0	9,149
Total	0	0	0	0	66	0	3,159	3,225	992	8,470	2	0	321	9,785	172	0	13,182
Isobutane																	
Refinery	0	3	3	27	138	10	190	365	46	275	177	10	6	514	54	21	957
Bulk Terminal	0	0	0	0	30	0	52	82	124	1,748	0	0	0	1,872	0	0	1,954
Pipeline	2	4	6	0	394	30	299	723	67	47	0	125	55	294	43	0	1,066
Natural Gas Processing Plant	1	3	4	0	5	4	1,068	1,078	386	1,564	2,060	242	87	4,338	1	369	5,790
Total	3	10	13	27	567	44	1,609	2,248	623	3,634	2,237	377	148	7,018	98	390	9,767
Other Hydrocarbons and Alcohol																	
Refinery	0	8	8	0	78	0	1	79	2	3	1	0	0	6	0	1	94
Total	0	8	8	0	78	0	1	79	2	3	1	0	0	6	0	1	94
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	2,879	720	3,599	39	3,321	205	1,482	5,047	1,615	8,783	5,357	196	203	16,154	641	5,206	30,647
Kerosene and Lighter Gas Oils	950	15	965	0	2,771	6	1,528	4,305	341	8,220	1,331	65	1	9,958	252	3,948	19,428
Heavy Gas Oils	9,123	668	9,791	113	4,741	262	2,336	7,452	1,303	13,612	8,260	334	41	23,550	1,373	11,602	53,768
Residuum	1,687	231	1,918	2	2,964	29	2,325	5,320	275	3,424	3,230	104	5	7,038	770	7,171	22,217
Total	14,639	1,634	16,273	154	13,797	502	7,671	22,124	3,534	34,039	18,178	699	250	56,700	3,036	27,927	126,060

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,206	127	5,333	26	6,411	395	2,453	9,285	1,478	7,762	6,560	137	247	16,184	1,788	7,650	40,240
Bulk Terminal	578	0	578	5	119	2	259	385	95	207	0	1	0	303	0	13	1,279
Pipeline	0	0	0	0	57	2	392	451	45	0	0	0	0	45	0	0	496
Total	5,784	127	5,911	31	6,587	399	3,104	10,121	1,618	7,969	6,560	138	247	16,532	1,788	7,663	42,015
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	210	0	0	210	33	85	86	0	0	204	0	27	441
Total	0	0	0	0	210	0	0	210	33	85	86	0	0	204	0	27	441
Total Finished Motor Gasoline																	
Refinery	5,104	304	5,408	106	6,491	1,136	3,707	11,440	2,021	8,834	5,569	1,224	178	17,826	1,950	8,178	44,802
Bulk Terminal	33,257	3,223	36,480	2,198	17,689	3,422	5,406	28,715	2,114	4,330	1,587	2,498	159	10,688	1,520	10,247	87,650
Pipeline	14,003	947	14,950	996	5,861	1,346	7,397	15,600	1,584	5,129	4,417	7,637	173	18,940	1,244	2,478	53,212
Natural Gas Processing Plant	16	0	16	0	0	0	0	0	14	0	0	0	0	14	8	0	39
Total Finished Motor Gasoline	52,380	4,474	56,854	3,300	30,041	5,904	16,510	55,755	5,733	18,293	11,573	11,359	510	47,468	4,722	20,903	185,703
Finished Leaded Motor Gasoline																	
Refinery	2,259	197	2,456	60	3,488	778	2,418	6,744	909	4,621	2,892	1,085	120	9,627	1,264	3,925	24,016
Bulk Terminal	16,480	1,664	18,144	1,151	9,129	1,904	3,170	15,354	1,101	2,724	738	1,366	99	6,028	951	5,530	46,007
Pipeline	7,325	374	7,699	413	3,500	904	4,230	9,047	814	2,332	2,293	3,513	118	9,070	904	1,179	27,899
Natural Gas Processing Plant	16	0	16	0	0	0	0	0	11	0	0	0	0	11	5	0	32
Total	26,080	2,235	28,315	1,624	16,117	3,586	9,818	31,145	2,835	9,677	5,923	5,964	337	24,736	3,124	10,634	97,954
Finished Unleaded Motor Gasoline																	
Refinery	2,845	107	2,952	46	3,003	358	1,289	4,696	1,106	4,213	2,677	139	58	8,193	681	4,248	20,770
Bulk Terminal	16,756	1,559	18,315	1,047	8,534	1,518	2,215	13,314	1,011	1,606	849	1,132	60	4,658	569	4,717	41,573
Pipeline	6,678	573	7,251	583	2,361	441	3,167	6,552	770	2,797	2,124	4,124	55	9,870	340	1,299	25,312
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	4	0	0	0	0	4	3	0	7
Total	26,279	2,239	28,518	1,676	13,898	2,317	6,671	24,562	2,891	8,616	5,650	5,395	173	22,725	1,593	10,264	87,662
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	6	0	0	0	0	6	5	5	16
Bulk Terminal	21	0	21	0	26	0	21	47	2	0	0	0	0	2	0	0	70
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	21	0	21	0	26	1	21	48	8	0	0	0	0	8	5	5	87
Finished Aviation Gasoline																	
Refinery	13	0	13	0	126	0	61	187	7	278	163	0	0	448	39	226	913
Bulk Terminal	392	31	423	0	170	53	47	270	41	2	10	2	27	82	10	326	1,111
Pipeline	38	0	38	0	42	0	5	47	0	9	0	5	0	14	2	0	101
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	75	0	0	0	0	75	0	0	75
Total	443	31	474	0	338	53	113	504	123	289	173	7	27	619	51	552	2,200
Naphtha-Type Jet Fuel																	
Refinery	417	101	518	0	475	46	306	827	280	690	367	165	201	1,703	233	689	3,970
Bulk Terminal	30	0	30	4	44	41	188	277	90	226	0	29	0	345	3	80	735
Pipeline	271	0	271	3	10	39	86	138	48	0	19	153	208	428	114	378	1,329
Total	718	101	819	7	529	126	580	1,242	418	916	386	347	409	2,476	350	1,147	6,034

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	842	10	852	0	2,031	73	350	2,454	383	3,885	2,970	5	11	7,254	470	3,255	14,285
Bulk Terminal	3,889	147	4,036	63	3,118	645	740	4,566	163	1,823	47	47	20	2,100	460	1,946	13,108
Pipeline	2,864	85	2,949	127	759	189	2,289	3,364	1,072	976	730	1,536	13	4,327	134	603	11,377
Total	7,595	242	7,837	190	5,908	907	3,379	10,384	1,618	6,684	3,747	1,588	44	13,681	1,064	5,804	38,770
Kerosene																	
Refinery	335	96	431	34	641	61	245	981	60	2,492	294	11	84	2,941	63	94	4,510
Bulk Terminal	4,803	379	5,182	274	1,086	77	27	1,464	9	888	26	18	0	941	30	52	7,669
Pipeline	403	0	403	106	145	0	35	286	25	60	96	223	0	404	0	36	1,129
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	0	(s)	(s)	4	0	0	4
Total	5,541	475	6,016	414	1,872	138	307	2,731	97	3,440	416	252	84	4,290	93	182	13,312
Total Distillate Fuel Oils																	
Refinery	8,258	487	8,745	74	7,805	1,705	5,150	14,734	1,271	12,438	4,982	1,397	449	20,537	2,291	4,746	51,053
Bulk Terminal	62,955	2,891	65,846	1,798	15,204	4,049	5,405	26,456	1,051	6,397	1,686	1,102	62	10,298	900	4,694	108,194
Pipeline	6,576	174	6,750	786	2,475	966	4,345	8,572	1,072	3,193	1,587	3,928	127	9,907	459	1,316	27,004
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	1	0	4	8	0	13	0	0	13
Total Distillate Fuel Oil	77,789	3,552	81,341	2,658	25,484	6,720	14,900	49,762	3,395	22,028	8,259	6,435	638	40,755	3,650	10,756	186,264
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,258	482	8,740	74	7,742	1,705	5,150	14,671	1,152	12,213	4,754	1,304	291	19,714	2,276	4,681	50,082
Bulk Terminal	61,419	2,891	64,310	1,781	15,109	4,049	5,405	26,344	1,051	6,028	1,686	1,101	62	9,928	900	4,624	106,106
Pipeline	6,576	174	6,750	786	2,475	966	4,345	8,572	1,072	3,193	1,587	3,928	127	9,907	459	1,316	27,004
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	1	0	4	8	0	13	0	0	13
Total	76,253	3,547	79,800	2,641	25,326	6,720	14,900	49,587	3,276	21,434	8,031	6,341	480	39,562	3,635	10,621	183,205
No. 4 Fuel Oil																	
Refinery	0	5	5	0	63	0	0	63	119	225	228	93	158	823	15	65	971
Bulk Terminal	1,536	0	1,536	17	95	0	0	112	0	369	0	1	0	370	0	70	2,088
Total	1,536	5	1,541	17	158	0	0	175	119	594	228	94	158	1,193	15	135	3,059
Residual Fuel Oils																	
Refinery	5,337	282	5,619	80	3,312	628	739	4,759	316	7,558	3,346	350	103	11,673	536	8,042	30,629
Bulk Terminal	27,077	306	27,383	374	1,580	196	780	2,930	32	1,724	3,685	290	0	5,731	0	2,662	38,706
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
Total	32,414	588	33,002	454	4,892	824	1,519	7,689	348	9,282	7,031	640	103	17,404	536	10,717	69,348
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	217	0	217	0	50	0	104	154	245	2,165	494	7	0	2,911	0	298	3,580
Total	217	0	217	0	50	0	104	154	245	2,165	494	7	0	2,911	0	298	3,580
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	121	123	0	260	0	1	261	204	718	280	37	0	1,239	0	112	1,735
Total	2	121	123	0	260	0	1	261	204	718	280	37	0	1,239	0	112	1,735
Special Naphthas																	
Refinery	57	39	96	1	247	0	202	450	35	1,263	66	184	0	1,548	8	207	2,309
Bulk Terminal	1,154	48	1,202	108	230	57	13	408	0	0	0	24	0	24	0	73	1,707
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	117	0	0	0	0	117	0	0	117
Total	1,211	87	1,298	109	477	57	215	858	152	1,263	66	208	0	1,689	8	280	4,133

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	160	296	456	0	62	0	82	144	0	234	90	0	0	324	5	51	980
Neutral	821	265	1,086	0	648	0	481	1,129	0	1,881	817	45	0	2,743	66	549	5,573
Other	956	149	1,105	0	177	0	155	332	29	1,937	312	142	1	2,421	9	112	3,979
Bulk Terminals	928	75	1,003	26	516	20	48	610	18	51	214	77	13	373	3	795	2,784
Total	2,865	785	3,650	26	1,403	20	766	2,215	47	4,103	1,433	264	14	5,861	83	1,507	13,316
Wax, Microcrystalline																	
Refinery	4	33	37	0	0	0	11	11	27	16	9	1	0	53	0	0	101
Total	4	33	37	0	0	0	11	11	27	16	9	1	0	53	0	0	101
Wax, Crystalline--Fully Refined																	
Refinery	5	13	18	0	8	0	18	26	0	80	131	0	0	211	3	24	282
Total	5	13	18	0	8	0	18	26	0	80	131	0	0	211	3	24	282
Wax, Crystalline--Other																	
Refinery	2	38	40	0	1	0	2	3	0	121	0	0	0	121	0	13	177
Total	2	38	40	0	1	0	2	3	0	121	0	0	0	121	0	13	177
Petroleum Coke																	
Refinery	611	0	611	0	507	85	127	719	2	219	574	105	0	900	527	1,306	4,063
Total	611	0	611	0	507	85	127	719	2	219	574	105	0	900	527	1,306	4,063
Asphalt																	
Refinery	1,637	290	1,927	757	4,378	1,870	1,672	8,677	721	642	787	1,112	245	3,507	2,752	1,991	18,854
Bulk Terminal	3,330	291	3,621	154	1,302	562	214	2,232	0	0	179	40	0	219	0	531	6,603
Total	4,967	581	5,548	911	5,680	2,432	1,886	10,909	721	642	966	1,152	245	3,726	2,752	2,522	25,457
Road Oil																	
Refinery	0	0	0	0	57	0	7	64	0	0	0	2	0	2	7	13	86
Total	0	0	0	0	57	0	7	64	0	0	0	2	0	2	7	13	86
Miscellaneous Products																	
Refinery	291	33	324	1	66	12	20	99	72	395	225	37	0	729	1	357	1,510
Bulk Terminal	20	0	20	0	30	4	1	35	0	0	0	30	0	30	0	40	125
Pipeline	2	13	15	13	5	0	0	18	0	0	0	0	0	0	0	0	33
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	57	158	1	14	(s)	231	2	0	237
Total	313	46	359	14	105	16	21	156	129	553	226	81	(s)	990	3	397	1,905
Total Stocks, All Oils	--	--	246,794	--	--	--	--	312,727	--	--	--	--	--	659,169	36,221	183,612	1,438,522

1 Crude oil data are not collected by refinery district.

2 Includes 21,208 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31, 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,196	--	--	--	--	15,545	--	--	--	--	--	46,955	2,367	27,021	108,084
Tank Farms and Pipelines	--	--	4,385	--	--	--	--	65,055	--	--	--	--	--	93,706	12,146	33,698	208,990
Leases	--	--	116	--	--	--	--	1,523	--	--	--	--	--	17,240	1,267	1,516	21,662
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	184,674	0	0	184,674
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	23,265	23,265
Total	--	--	20,697	--	--	--	--	82,123	--	--	--	--	--	342,575	15,780	85,500	546,675
Petroleum Products																	
Refinery	44,740	4,729	49,469	1,312	50,299	6,646	27,188	85,445	11,554	97,128	48,258	6,113	1,889	164,942	13,697	68,934	382,487
Bulk Terminal	149,894	7,365	157,259	4,976	43,257	9,803	14,451	72,487	4,971	44,885	8,271	4,235	377	62,739	2,243	20,638	315,366
Pipeline	23,610	3,956	27,566	2,077	13,296	3,768	16,473	35,614	8,453	10,025	7,750	15,265	1,032	42,525	2,544	4,427	112,676
Natural Gas Processing Plant	372	516	889	0	3,230	347	35,616	39,193	6,531	28,112	16,609	5,800	1,369	58,420	260	1,217	99,979
Total	218,616	16,566	235,183	8,365	110,082	20,564	93,728	232,739	31,509	180,150	80,888	31,413	4,667	328,626	18,744	95,216	910,508
Natural Gasoline and Isopentane																	
Refinery	3	4	7	0	19	265	168	452	91	259	176	5	14	545	83	24	1,111
Pipeline	0	0	0	0	1	31	301	333	156	33	0	27	55	271	164	5	773
Natural Gas Processing Plant	3	23	26	0	36	15	1,215	1,266	317	3,389	650	18	74	4,448	55	20	5,814
Total	6	27	33	0	56	311	1,684	2,051	564	3,681	826	50	143	5,264	302	49	7,698
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	78	0	34	112	0	28	28	0	0	56	0	0	168
Natural Gas Processing Plant	0	0	0	0	98	3	1,088	1,189	347	2,054	142	38	362	2,944	28	3	4,163
Total	0	0	0	0	176	3	1,122	1,301	347	2,082	170	38	362	3,000	28	3	4,331
Plant Condensate																	
Refinery	0	0	0	0	4	0	0	4	13	136	0	100	0	249	0	0	253
Pipeline	0	0	0	0	0	0	1	1	890	314	49	19	17	1,289	0	0	1,290
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	37	35	12	13	1	97	2	0	106
Total	0	0	0	0	6	0	6	12	940	485	61	132	18	1,635	2	0	1,649
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	762	0	0	0	762	0	0	772
Bulk Terminal	0	0	0	0	67	0	42	109	0	252	0	0	0	252	0	0	361
Pipeline	0	0	0	0	66	882	142	1,090	222	68	115	0	3	408	0	0	1,498
Natural Gas Processing Plant	0	0	0	0	22	0	649	670	491	80	344	1	0	916	3	0	1,589
Total	0	0	0	0	165	882	833	1,879	713	1,162	459	1	3	2,338	3	0	4,220
Propane for Petrochemical Feedstock Use																	
Refinery	66	0	66	0	99	0	23	122	0	6	0	0	0	6	1	0	195
Total	66	0	66	0	99	0	23	122	0	6	0	0	0	6	1	0	195
Propane for Other Uses																	
Refinery	634	7	641	2	1,738	11	321	2,072	130	1,038	779	7	2	1,956	174	267	5,110
Bulk Terminal	1,020	0	1,020	0	1,375	67	514	1,956	228	14,184	0	49	0	14,461	24	0	17,461
Pipeline	643	2,612	3,255	63	840	203	1,690	2,796	586	194	239	950	161	2,130	116	0	8,297
Natural Gas Processing Plant	318	491	808	0	2,844	322	22,872	26,038	3,969	5,981	8,304	4,790	357	23,400	133	483	50,861
Total	2,615	3,110	5,724	65	6,797	603	25,397	32,862	4,913	21,397	9,322	5,796	520	41,947	447	750	81,729

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	0	0	0	0	4	0	3	0	7	0	2	10
Total	1	0	1	0	0	0	0	0	0	4	0	3	0	7	0	2	10
Butane for Other Uses																	
Refinery	150	1	151	238	835	34	428	1,535	245	917	186	3	11	1,362	131	696	3,875
Bulk Terminal	203	0	203	0	483	0	147	630	108	7,728	0	0	0	7,836	0	0	8,669
Pipeline	38	98	136	0	1,027	0	236	1,263	1,341	115	5	39	65	1,565	87	0	3,051
Natural Gas Processing Plant	37	1	39	0	216	7	5,848	6,070	654	8,267	4,177	713	93	13,903	29	332	20,374
Total	428	100	529	238	2,561	41	6,659	9,498	2,348	17,027	4,368	755	169	24,666	247	1,028	35,969
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	12	12	0	2	26	0	53	79
Bulk Terminal	0	0	0	0	11	0	1	12	0	0	0	0	0	0	0	0	12
Pipeline	0	0	0	0	0	0	19	19	611	26	10	0	1	648	0	0	667
Natural Gas Processing Plant	0	0	0	0	1	0	84	84	25	6	988	1	0	1,019	(s)	5	1,109
Total	0	0	0	0	12	0	104	115	636	44	1,010	1	3	1,693	(s)	58	1,867
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulk Terminal	0	0	0	0	0	0	149	149	469	2,939	0	0	0	3,408	0	0	3,557
Pipeline	0	0	0	0	66	0	707	773	818	84	2	0	121	1,025	168	0	1,966
Natural Gas Processing Plant	0	0	0	0	0	0	3,015	3,015	189	6,334	0	0	399	6,922	0	0	9,937
Total	0	0	0	0	66	0	3,871	3,937	1,476	9,357	2	0	520	11,355	168	0	15,460
Isobutane																	
Refinery	0	0	0	31	151	7	156	345	29	255	122	11	5	422	44	27	838
Bulk Terminal	0	0	0	0	73	0	49	122	131	1,712	0	0	0	1,843	0	0	1,965
Pipeline	0	4	4	0	545	0	119	664	189	98	0	100	55	442	43	0	1,153
Natural Gas Processing Plant	1	2	3	0	8	1	841	849	228	1,797	1,987	187	82	4,280	2	374	5,508
Total	1	6	7	31	777	8	1,165	1,980	577	3,862	2,109	298	142	6,987	89	401	9,464
Other Hydrocarbons and Alcohol																	
Refinery	0	11	11	0	111	0	1	112	1	33	1	0	0	35	0	1	159
Total	0	11	11	0	111	0	1	112	1	33	1	0	0	35	0	1	159
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,164	767	3,931	45	3,311	172	1,685	5,213	1,690	10,913	5,109	248	211	18,171	641	5,134	33,090
Kerosene and Lighter Gas Oils	971	13	984	0	2,388	9	1,942	4,339	332	6,607	1,383	74	2	8,398	256	3,552	17,529
Heavy Gas Oils	8,867	699	9,566	107	4,064	263	2,249	6,683	1,174	12,463	7,148	284	41	21,110	1,355	12,811	51,525
Residuum	1,881	238	2,119	3	3,045	15	2,518	5,581	242	3,180	3,148	127	3	6,700	766	7,180	22,346
Total	14,883	1,717	16,600	155	12,808	459	8,394	21,816	3,438	33,163	16,788	733	257	54,379	3,018	28,677	124,490

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,465	156	5,621	34	6,457	406	2,668	9,565	1,573	9,671	7,384	182	289	19,099	1,645	7,560	43,490
Bulk Terminal	310	0	310	4	160	1	237	402	96	107	0	1	0	204	6	9	931
Pipeline	0	0	0	0	81	2	235	318	0	0	0	0	0	0	0	0	318
Total	5,775	156	5,931	38	6,698	409	3,140	10,285	1,669	9,778	7,384	183	289	19,303	1,651	7,569	44,739
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	206	0	0	206	60	99	100	0	0	259	0	34	499
Total	0	0	0	0	206	0	0	206	60	99	100	0	0	259	0	34	499
Total Finished Motor Gasoline																	
Refinery	4,919	448	5,367	110	6,579	1,097	4,557	12,343	2,083	9,327	4,937	1,139	219	17,705	1,942	8,249	45,606
Bulk Terminal	35,591	3,260	38,851	2,191	18,120	3,857	5,408	29,576	2,240	5,383	1,735	2,540	208	12,106	1,248	9,360	91,141
Pipeline	13,234	954	14,188	886	6,554	1,364	5,646	14,450	2,338	4,472	4,670	7,780	182	19,442	1,115	2,665	51,860
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	15	0	0	0	0	15	7	0	36
Total Finished Motor Gasoline	53,757	4,662	58,419	3,187	31,253	6,318	15,611	56,369	6,676	19,182	11,342	11,459	609	49,268	4,312	20,274	188,643
Finished Leaded Motor Gasoline																	
Refinery	2,276	282	2,558	72	3,275	619	2,946	6,912	1,135	4,581	2,122	962	116	8,916	1,274	3,859	23,519
Bulk Terminal	17,619	1,540	19,159	1,130	9,006	2,157	3,400	15,693	1,170	3,222	870	1,300	122	6,684	800	4,852	47,188
Pipeline	6,442	423	6,865	433	3,881	891	3,379	8,584	1,118	2,279	2,424	4,101	115	10,037	785	1,335	27,606
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	10	0	0	0	0	10	5	0	28
Total	26,350	2,245	28,595	1,635	16,162	3,667	9,725	31,189	3,433	10,082	5,416	6,363	353	25,647	2,864	10,046	98,341
Finished Unleaded Motor Gasoline																	
Refinery	2,643	166	2,809	38	3,304	478	1,611	5,431	936	4,746	2,815	177	103	8,777	665	4,385	22,067
Bulk Terminal	17,959	1,720	19,679	1,061	9,085	1,700	1,986	13,832	1,066	2,161	865	1,240	86	5,418	448	4,508	43,885
Pipeline	6,792	531	7,323	453	2,673	472	2,267	5,865	1,220	2,193	2,246	3,679	67	9,405	330	1,330	24,253
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	5	0	0	0	0	5	3	0	8
Total	27,394	2,417	29,811	1,552	15,062	2,650	5,864	25,128	3,227	9,100	5,926	5,096	256	23,605	1,446	10,223	90,213
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	12	0	0	0	0	12	3	5	20
Bulk Terminal	13	0	13	0	29	0	22	51	4	0	0	0	0	4	0	0	68
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	13	0	13	0	29	1	22	52	16	0	0	0	0	16	3	5	89
Finished Aviation Gasoline																	
Refinery	15	0	15	0	105	0	31	136	7	289	181	0	0	477	23	220	871
Bulk Terminal	394	21	415	0	255	57	39	351	30	0	5	22	38	95	13	325	1,199
Pipeline	62	0	62	0	0	0	18	18	0	22	0	0	0	22	0	0	102
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	88	0	0	0	0	88	0	0	88
Total	471	21	492	0	360	57	88	505	125	311	186	22	38	682	36	545	2,260
Naphtha-Type Jet Fuel																	
Refinery	369	83	452	0	600	54	319	973	290	1,098	403	173	206	2,170	273	811	4,679
Bulk Terminal	21	0	21	4	58	60	169	291	109	176	0	32	0	317	13	94	736
Pipeline	264	0	264	3	10	11	120	144	56	0	66	158	234	514	103	439	1,464
Total	654	83	737	7	668	125	608	1,408	455	1,274	469	363	440	3,001	389	1,344	6,879

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	936	17	953	0	1,862	63	397	2,322	433	4,540	2,324	6	15	7,318	403	3,378	14,374
Bulk Terminal	4,311	120	4,431	56	3,117	460	705	4,338	181	1,847	53	37	22	2,140	180	1,931	13,020
Pipeline	2,835	88	2,923	160	739	145	1,653	2,697	575	1,290	696	1,525	37	4,123	199	518	10,460
Total	8,082	225	8,307	216	5,718	668	2,755	9,357	1,189	7,677	3,073	1,568	74	13,581	782	5,827	37,854
Kerosene																	
Refinery	284	129	413	33	710	101	267	1,111	107	2,699	343	8	104	3,261	81	91	4,957
Bulk Terminal	4,749	310	5,059	265	1,061	71	27	1,424	14	862	67	17	0	960	29	68	7,540
Pipeline	422	0	422	128	124	0	33	285	9	42	261	199	0	511	0	76	1,294
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	5,455	439	5,894	426	1,895	172	327	2,820	132	3,603	671	224	105	4,735	110	235	13,794
Total Distillate Fuel Oils																	
Refinery	7,720	659	8,379	41	8,809	2,041	5,795	16,686	1,377	13,440	6,309	1,678	449	23,253	2,479	5,507	56,304
Bulk Terminal	68,801	2,827	71,628	1,813	14,734	4,524	5,737	26,808	1,319	7,148	1,460	1,218	93	11,238	729	5,221	115,624
Pipeline	6,112	200	6,312	837	3,165	1,130	5,519	10,651	662	3,215	1,609	4,468	101	10,055	549	713	28,280
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	2	0	4	9	0	15	0	0	16
Total Distillate Fuel Oil	82,633	3,686	86,319	2,691	26,708	7,695	17,051	54,145	3,360	23,803	9,382	7,373	643	44,561	3,757	11,441	200,224
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,720	654	8,374	41	8,684	2,041	5,795	16,561	1,299	13,095	6,186	1,631	357	22,568	2,461	5,443	55,407
Bulk Terminal	66,950	2,827	69,777	1,794	14,623	4,524	5,737	26,678	1,319	6,792	1,460	1,217	93	10,881	729	5,152	113,217
Pipeline	6,112	200	6,312	837	3,165	1,130	5,519	10,651	662	3,215	1,609	4,468	101	10,055	549	713	28,280
Natural Gas Processing Plant	0	0	0	0	0	0	(s)	(s)	2	0	4	9	0	15	0	0	16
Total	80,782	3,681	84,463	2,672	26,472	7,695	17,051	53,890	3,282	23,102	9,259	7,325	551	43,519	3,739	11,308	196,920
No. 4 Fuel Oil																	
Refinery	0	5	5	0	125	0	0	125	78	345	123	47	92	685	18	64	897
Bulk Terminal	1,851	0	1,851	19	111	0	0	130	0	356	0	1	0	357	0	69	2,407
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,851	5	1,856	19	236	0	0	255	78	701	123	48	92	1,042	18	133	3,304
Residual Fuel Oils																	
Refinery	4,538	286	4,824	121	3,535	460	786	4,902	364	8,752	4,319	371	86	13,892	565	8,417	32,600
Bulk Terminal	29,276	252	29,528	397	1,787	146	856	3,186	33	2,496	4,603	146	0	7,278	0	2,299	42,291
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Total	33,814	538	34,352	518	5,322	606	1,642	8,088	397	11,248	8,922	517	86	21,170	565	10,727	74,902
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	115	0	115	0	70	0	101	171	250	2,533	606	7	0	3,396	0	304	3,986
Total	115	0	115	0	70	0	101	171	250	2,533	606	7	0	3,396	0	304	3,986
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	1	75	76	0	243	0	1	244	235	729	293	34	0	1,291	0	138	1,749
Total	1	75	76	0	243	0	1	244	235	729	293	34	0	1,291	0	138	1,749

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Special Naphthas																	
Refinery	27	40	67	1	210	0	259	470	36	1,322	82	166	0	1,606	11	222	2,376
Bulk Terminal	1,087	52	1,139	86	201	60	117	464	0	0	0	9	0	9	0	58	1,670
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	111	0	0	0	0	111	0	0	111
Total	1,114	92	1,206	87	411	60	376	934	147	1,322	82	175	0	1,726	11	280	4,157
Lubricants																	
Refinery																	
Bright Stock	157	274	431	0	72	0	87	159	0	263	88	0	0	351	5	46	992
Neutral	877	275	1,152	0	685	0	510	1,195	0	2,038	951	55	0	3,044	82	489	5,962
Other	942	138	1,080	0	183	0	139	322	39	2,116	334	144	0	2,633	9	93	4,137
Bulk Terminals	1,003	226	1,229	16	482	24	49	571	13	51	198	83	16	361	1	808	2,970
Total	2,979	913	3,892	16	1,422	24	785	2,247	52	4,468	1,571	282	16	6,389	97	1,436	14,061
Wax, Microcrystalline																	
Refinery	4	31	35	0	0	0	14	14	26	18	7	1	0	52	0	0	101
Total	4	31	35	0	0	0	14	14	26	18	7	1	0	52	0	0	101
Wax, Crystalline--Fully Refined																	
Refinery	9	20	29	0	12	0	25	37	0	75	157	0	0	232	5	24	327
Total	9	20	29	0	12	0	25	37	0	75	157	0	0	232	5	24	327
Wax, Crystalline--Other																	
Refinery	2	45	47	0	2	0	2	4	0	133	0	0	0	133	0	9	193
Total	2	45	47	0	2	0	2	4	0	133	0	0	0	133	0	9	193
Petroleum Coke																	
Refinery	684	0	684	0	407	124	123	654	2	169	540	106	0	817	539	1,254	3,948
Total	684	0	684	0	407	124	123	654	2	169	540	106	0	817	539	1,254	3,948
Asphalt																	
Refinery	1,659	272	1,931	545	3,661	1,510	1,585	7,301	668	749	694	1,133	230	3,474	2,176	2,061	16,943
Bulk Terminal	3,110	297	3,407	144	1,246	471	203	2,064	0	0	150	54	0	204	0	433	6,108
Total	4,769	569	5,338	689	4,907	1,981	1,788	9,365	668	749	844	1,187	230	3,678	2,176	2,494	23,051
Road Oil																	
Refinery	0	0	0	0	34	0	10	44	0	0	0	2	0	2	7	32	85
Total	0	0	0	0	34	0	10	44	0	0	0	2	0	2	7	32	85
Miscellaneous Products																	
Refinery	280	41	321	1	82	14	21	118	56	483	142	46	0	727	1	248	1,415
Bulk Terminal	18	0	18	0	27	5	2	34	0	0	0	27	0	27	0	32	111
Pipeline	0	0	0	0	0	0	0	0	0	24	0	0	0	24	0	0	24
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	57	169	1	31	(s)	259	1	0	264
Total	298	41	339	1	113	19	23	156	113	676	143	104	(s)	1,037	2	280	1,814
Total Stocks, All Oils	—	—	255,880	—	—	—	—	314,862	—	—	—	—	—	671,201	34,524	180,716	1,457,183

[1] Crude oil data are not collected by refinery district.
[2] Includes 22,492 thousands of barrels of domestic crude oil.
(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.
— Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, September 30, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	15,408	--	--	--	--	16,232	--	--	--	--	--	48,933	2,602	25,953	109,128
Tank Farms and Pipelines	--	--	2,590	--	--	--	--	64,578	--	--	--	--	--	92,578	11,806	31,534	203,086
Leases	--	--	98	--	--	--	--	1,485	--	--	--	--	--	16,926	1,324	1,667	21,500
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	199,247	0	0	199,247
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	22,268	22,268
Total	--	--	18,096	--	--	--	--	82,295	--	--	--	--	--	357,684	15,732	81,422	555,229
Petroleum Products																	
Refinery	42,588	4,752	47,340	1,166	48,097	6,070	27,151	82,484	11,117	91,344	48,864	5,716	1,814	158,855	13,468	69,206	371,353
Bulk Terminal	163,686	7,769	171,455	4,816	42,105	9,465	16,662	73,048	5,170	44,062	9,039	4,261	427	62,959	2,253	22,788	332,503
Pipeline	25,996	4,160	30,156	1,993	13,473	3,624	17,582	36,672	8,328	9,413	7,006	14,659	1,049	40,455	2,579	4,300	114,162
Natural Gas Processing Plant	396	606	1,002	0	3,018	360	35,593	38,971	6,921	30,252	17,260	5,507	1,231	61,172	248	1,333	102,726
Total	232,666	17,287	249,953	7,975	106,693	19,519	96,988	231,175	31,536	175,071	82,169	30,143	4,521	323,441	18,548	97,627	920,744
Natural Gasoline and Isopentane																	
Refinery	2	3	5	0	6	193	183	382	101	266	98	5	15	485	79	27	978
Pipeline	0	0	0	0	31	1	258	290	206	51	0	20	54	331	164	5	790
Natural Gas Processing Plant	2	39	41	0	16	23	1,323	1,362	390	3,703	661	21	59	4,833	42	16	6,294
Total	4	42	46	0	53	217	1,764	2,034	697	4,020	759	46	128	5,649	285	48	8,062
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	78	0	37	115	0	28	28	0	0	56	0	0	171
Natural Gas Processing Plant	0	0	0	0	97	2	1,224	1,322	351	2,516	187	72	279	3,406	25	3	4,755
Total	0	0	0	0	175	2	1,261	1,437	351	2,544	215	72	279	3,462	25	3	4,926
Plant Condensate																	
Refinery	0	0	0	0	4	0	0	4	11	149	0	81	0	241	0	0	245
Pipeline	0	0	0	0	0	0	0	0	896	243	49	10	17	1,215	0	0	1,215
Natural Gas Processing Plant	0	0	0	0	2	0	4	6	29	19	6	11	1	65	3	0	74
Total	0	0	0	0	6	0	4	10	936	411	55	102	18	1,521	3	0	1,534
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	697	0	0	0	697	0	0	707
Bulk Terminal	0	0	0	0	82	0	52	134	0	313	0	0	0	313	0	0	447
Pipeline	0	0	0	0	41	787	170	998	259	72	111	0	3	445	0	0	1,443
Natural Gas Processing Plant	0	0	0	0	22	0	797	819	504	317	294	1	0	1,115	1	0	1,935
Total	0	0	0	0	155	787	1,019	1,961	763	1,399	405	1	3	2,570	1	0	4,532
Propane for Petrochemical Feedstock Use																	
Refinery	60	0	60	0	81	0	16	97	0	6	0	0	0	6	1	0	164
Total	60	0	60	0	81	0	16	97	0	6	0	0	0	6	1	0	164
Propane for Other Uses																	
Refinery	641	5	646	2	1,502	21	218	1,743	155	935	813	4	6	1,913	184	299	4,785
Bulk Terminal	1,001	0	1,001	0	1,449	92	651	2,192	167	14,405	152	33	0	14,757	20	0	17,970
Pipeline	619	2,842	3,461	39	1,149	354	1,681	3,223	590	237	238	635	155	1,855	115	0	8,654
Natural Gas Processing Plant	346	563	908	0	2,682	322	22,102	25,106	4,183	6,652	8,380	4,568	352	24,134	140	519	50,807
Total	2,607	3,410	6,016	41	6,782	789	24,652	32,264	5,095	22,229	9,583	5,240	513	42,659	459	818	82,216

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, September 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	18	0	18	0	12	2	2	0	16	1	2	38
Total	1	0	1	0	0	18	0	18	0	12	2	2	0	16	1	2	38
Butane for Other Uses																	
Refinery	199	1	200	256	850	62	425	1,593	225	959	199	4	18	1,405	157	694	4,049
Bulk Terminal	212	0	212	0	535	0	229	764	95	8,498	0	0	0	8,593	0	0	9,569
Pipeline	31	126	157	23	858	15	172	1,068	1,379	136	5	75	69	1,664	87	0	2,976
Natural Gas Processing Plant	38	3	41	0	185	11	6,053	6,248	762	8,363	5,253	620	92	15,089	29	377	21,785
Total	480	130	610	279	2,428	88	6,879	9,673	2,461	17,956	5,457	699	179	26,751	273	1,071	38,379
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	0	13	14	0	1	28	3	90	122
Bulk Terminal	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	7
Pipeline	0	0	0	0	0	0	19	19	596	26	10	0	1	633	0	0	652
Natural Gas Processing Plant	1	0	1	0	4	0	61	65	60	1	856	2	0	918	(s)	2	986
Total	1	0	1	0	12	0	80	92	656	40	880	2	2	1,579	3	92	1,767
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	7	7	441	2,291	0	0	0	2,732	0	0	2,739
Pipeline	0	0	0	0	66	0	572	638	766	83	2	0	116	967	167	0	1,772
Natural Gas Processing Plant	0	0	0	0	0	0	3,168	3,168	269	6,504	0	0	410	7,183	0	0	10,351
Total	0	0	0	0	66	0	3,747	3,813	1,476	8,878	2	0	526	10,882	167	0	14,862
Isobutane																	
Refinery	0	4	4	16	212	24	155	407	22	309	182	11	3	527	38	25	1,001
Bulk Terminal	0	0	0	0	63	0	68	131	75	1,798	0	0	0	1,873	0	0	2,004
Pipeline	0	4	4	0	625	0	91	716	149	71	0	50	63	333	48	0	1,101
Natural Gas Processing Plant	1	1	2	0	7	3	861	871	114	1,879	1,617	173	37	3,820	1	415	5,109
Total	1	9	10	16	907	27	1,175	2,125	360	4,057	1,799	234	103	6,553	87	440	9,215
Other Hydrocarbons and Alcohol																	
Refinery	0	3	3	0	114	0	1	115	1	27	1	0	0	29	0	1	148
Total	0	3	3	0	114	0	1	115	1	27	1	0	0	29	0	1	148
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	2,996	667	3,663	30	3,233	197	1,898	5,358	1,503	7,372	5,059	342	208	14,484	504	5,975	29,984
Kerosene and Lighter Gas Oils	985	11	996	0	2,318	7	1,721	4,046	187	6,100	1,575	34	2	7,898	614	4,466	18,020
Heavy Gas Oils	7,197	632	7,829	79	4,859	293	2,412	7,643	1,129	10,957	7,046	272	36	19,440	1,609	12,229	48,750
Residuum	1,256	309	1,565	2	3,060	12	2,418	5,492	261	3,969	2,565	165	8	6,968	765	6,860	21,650
Total	12,434	1,619	14,053	111	13,470	509	8,449	22,539	3,080	28,398	16,245	813	254	48,790	3,492	29,530	118,404

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, September 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,280	173	5,453	27	6,070	475	3,293	9,865	1,712	10,346	7,442	157	329	19,986	1,757	7,699	44,760
Bulk Terminal	900	0	900	4	71	1	116	192	122	180	0	1	0	303	3	27	1,425
Pipeline	0	0	0	0	61	1	111	173	20	0	0	0	0	20	0	0	193
Total	6,180	173	6,353	31	6,202	477	3,520	10,230	1,854	10,526	7,442	158	329	20,309	1,760	7,726	46,378
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	171	0	0	171	92	94	65	0	0	251	0	43	465
Total	0	0	0	0	171	0	0	171	92	94	65	0	0	251	0	43	465
Total Finished Motor Gasoline																	
Refinery	5,610	573	6,183	130	5,774	1,095	4,187	11,186	2,028	9,471	5,919	866	184	18,468	1,756	8,318	45,911
Bulk Terminal	37,299	3,207	40,506	2,122	17,005	3,661	6,095	28,883	2,336	4,845	1,803	2,649	233	11,866	1,220	9,704	92,179
Pipeline	15,541	969	16,510	1,004	5,459	1,239	7,287	14,989	2,044	4,458	3,619	7,509	200	17,830	1,110	2,176	52,615
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	11	0	0	0	0	11	6	0	26
Total Finished Motor Gasoline	58,459	4,749	63,208	3,256	28,238	5,995	17,569	55,058	6,419	18,774	11,341	11,024	617	48,175	4,092	20,198	190,731
Finished Leaded Motor Gasoline																	
Refinery	2,373	321	2,694	74	2,755	670	2,665	6,164	1,030	4,802	3,163	708	108	9,811	1,163	3,463	23,295
Bulk Terminal	17,738	1,588	19,326	1,095	8,235	2,103	3,428	14,861	1,182	2,647	864	1,328	140	6,161	775	4,991	46,114
Pipeline	7,868	364	8,232	549	3,344	773	4,258	8,924	799	2,047	1,537	4,432	136	8,951	781	1,187	28,075
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	7	0	0	0	0	7	4	0	20
Total	27,988	2,273	30,261	1,718	14,334	3,546	10,351	29,949	3,018	9,496	5,564	6,468	384	24,930	2,723	9,641	97,504
Finished Unleaded Motor Gasoline																	
Refinery	3,237	252	3,489	56	3,019	425	1,522	5,022	990	4,669	2,756	158	76	8,649	591	4,851	22,602
Bulk Terminal	19,543	1,619	21,162	1,027	8,753	1,558	2,652	13,990	1,149	2,198	939	1,321	93	5,700	445	4,713	46,010
Pipeline	7,673	605	8,278	455	2,115	464	3,029	6,063	1,245	2,411	2,082	3,077	64	8,879	321	989	24,530
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	4	0	0	0	0	4	2	0	6
Total	30,453	2,476	32,929	1,538	13,887	2,447	7,203	25,075	3,388	9,278	5,777	4,556	233	23,232	1,359	10,553	93,148
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	8	0	0	0	0	8	2	4	14
Bulk Terminal	18	0	18	0	17	0	15	32	5	0	0	0	0	5	0	0	55
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	8	0	10
Total	18	0	18	0	17	2	15	34	13	0	0	0	0	13	10	4	79
Finished Aviation Gasoline																	
Refinery	27	0	27	0	148	0	85	233	9	329	190	0	0	528	27	202	1,017
Bulk Terminal	415	26	441	0	245	42	56	343	33	32	20	15	43	143	8	464	1,399
Pipeline	0	0	0	0	0	0	69	69	46	15	1	0	0	62	0	0	131
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	78	0	0	0	0	78	0	0	78
Total	442	26	468	0	393	42	210	645	166	376	211	15	43	811	35	666	2,625
Naphtha-Type Jet Fuel																	
Refinery	235	50	285	0	554	22	368	944	214	864	323	154	213	1,768	242	752	3,991
Bulk Terminal	21	0	21	4	43	65	156	268	134	211	0	39	0	384	12	127	812
Pipeline	261	0	261	3	10	30	63	106	45	0	44	128	245	462	67	398	1,294
Total	517	50	567	7	607	117	587	1,318	393	1,075	367	321	458	2,614	321	1,277	6,097

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, September 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,284	8	1,292	0	1,472	60	347	1,879	424	4,322	2,227	21	13	7,007	358	2,933	13,469
Bulk Terminal	5,190	110	5,300	54	2,836	316	596	3,802	199	1,669	88	60	29	2,045	253	2,656	14,056
Pipeline	2,506	81	2,587	144	1,281	135	1,460	3,020	638	876	480	1,214	25	3,233	152	529	9,521
Total	8,980	199	9,179	198	5,589	511	2,403	8,701	1,261	6,867	2,795	1,295	67	12,285	763	6,118	37,046
Kerosene																	
Refinery	230	160	390	36	698	130	209	1,073	96	2,198	641	10	77	3,022	66	72	4,623
Bulk Terminal	5,149	295	5,444	233	1,029	59	22	1,343	22	1,049	43	21	0	1,135	28	53	8,003
Pipeline	454	0	454	107	112	0	54	273	8	58	275	144	0	485	0	94	1,306
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	5,833	455	6,288	376	1,839	189	285	2,689	128	3,305	959	175	78	4,645	94	219	13,935
Total Distillate Fuel Oils																	
Refinery	8,340	571	8,911	72	8,379	1,926	5,698	16,075	1,434	13,108	6,579	1,716	424	23,261	2,245	5,435	55,927
Bulk Terminal	73,124	3,253	76,377	1,750	14,997	4,489	6,065	27,301	1,500	6,298	1,656	1,157	104	10,715	708	5,939	121,040
Pipeline	6,583	132	6,715	667	3,700	1,062	5,538	10,967	686	3,059	2,144	4,874	101	10,864	669	1,087	30,302
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	5	11	0	18	0	0	18
Total Distillate Fuel Oil	88,047	3,956	92,003	2,489	27,076	7,477	17,302	54,344	3,621	22,465	10,384	7,758	629	44,858	3,622	12,461	207,287
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,340	564	8,904	72	8,289	1,926	5,698	15,985	1,339	12,770	6,467	1,686	330	22,592	2,239	5,299	55,019
Bulk Terminal	71,242	3,253	74,495	1,745	14,822	4,488	6,065	27,120	1,500	6,252	1,656	1,156	104	10,668	708	5,907	118,898
Pipeline	6,583	132	6,715	667	3,700	1,062	5,538	10,967	686	3,059	2,144	4,874	101	10,864	669	1,087	30,302
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	5	11	0	18	0	0	18
Total	86,165	3,949	90,114	2,484	26,811	7,476	17,302	54,073	3,526	22,081	10,272	7,727	535	44,142	3,616	12,293	204,237
No. 4 Fuel Oil																	
Refinery	0	7	7	0	90	0	0	90	95	338	112	30	94	669	6	136	908
Bulk Terminal	1,882	0	1,882	5	175	1	0	181	0	46	0	1	0	47	0	32	2,142
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,882	7	1,889	5	265	1	0	271	95	384	112	31	94	716	6	168	3,050
Residual Fuel Oils																	
Refinery	3,957	233	4,190	104	3,343	487	799	4,733	355	8,395	3,711	367	67	12,895	660	8,248	30,726
Bulk Terminal	35,461	326	35,787	376	1,935	196	1,265	3,772	35	2,433	4,889	135	0	7,492	0	2,403	49,454
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Total	39,418	559	39,977	480	5,278	683	2,064	8,505	390	10,828	8,600	502	67	20,387	660	10,662	80,191
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	102	0	102	0	384	0	107	491	180	2,390	707	7	0	3,284	0	218	4,095
Total	102	0	102	0	384	0	107	491	180	2,390	707	7	0	3,284	0	218	4,095
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	125	127	0	255	0	1	256	217	724	231	41	0	1,213	0	49	1,645
Total	2	125	127	0	255	0	1	256	217	724	231	41	0	1,213	0	49	1,645

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, September 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Special Naphthas																	
Refinery	24	48	72	1	179	0	284	464	41	1,488	71	185	0	1,785	10	219	2,550
Bulk Terminal	1,118	45	1,163	69	190	34	119	412	0	0	0	9	0	9	0	54	1,638
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	113	0	0	0	0	113	0	0	113
Total	1,142	93	1,235	70	369	34	403	876	154	1,488	71	194	0	1,907	10	273	4,301
Lubricants																	
Refinery																	
Bright Stock	178	299	477	0	75	0	76	151	0	288	83	0	0	371	4	57	1,060
Neutral	807	296	1,103	0	627	0	491	1,118	0	1,789	1,019	58	0	2,866	101	514	5,702
Other	745	148	893	0	176	0	162	338	39	2,142	312	125	0	2,618	8	110	3,967
Bulk Terminals	1,047	205	1,252	28	427	22	50	527	11	40	204	69	18	342	1	873	2,995
Total	2,777	948	3,725	28	1,305	22	779	2,134	50	4,259	1,618	252	18	6,197	114	1,554	13,724
Wax, Microcrystalline																	
Refinery	3	31	34	0	0	0	14	14	25	14	4	0	0	43	0	0	91
Total	3	31	34	0	0	0	14	14	25	14	4	0	0	43	0	0	91
Wax, Crystalline–Fully Refined																	
Refinery	5	19	24	0	12	0	18	30	0	71	160	0	0	231	5	21	311
Total	5	19	24	0	12	0	18	30	0	71	160	0	0	231	5	21	311
Wax, Crystalline–Other																	
Refinery	2	45	47	0	4	0	2	6	0	123	0	0	0	123	0	9	185
Total	2	45	47	0	4	0	2	6	0	123	0	0	0	123	0	9	185
Petroleum Coke																	
Refinery	485	0	485	0	372	15	131	518	0	333	560	105	0	998	538	1,286	3,825
Total	485	0	485	0	372	15	131	518	0	333	560	105	0	998	538	1,286	3,825
Asphalt																	
Refinery	1,649	305	1,954	410	2,901	1,025	1,405	5,741	597	632	842	931	210	3,212	1,731	2,023	14,661
Bulk Terminal	2,703	302	3,005	176	1,175	483	1,113	2,947	0	0	184	51	0	235	0	465	6,652
Total	4,352	607	4,959	586	4,076	1,508	2,518	8,688	597	632	1,026	982	210	3,447	1,731	2,488	21,313
Road Oil																	
Refinery	0	0	0	0	20	0	5	25	0	0	0	2	0	2	5	45	77
Total	0	0	0	0	20	0	5	25	0	0	0	2	0	2	5	45	77
Miscellaneous Products																	
Refinery	286	33	319	1	233	8	22	264	58	452	224	51	0	785	0	285	1,653
Bulk Terminal	46	0	46	0	16	5	2	23	0	0	0	22	0	22	0	23	114
Pipeline	1	6	7	6	2	0	0	8	0	0	0	0	0	0	0	0	15
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	54	301	1	29	(s)	385	2	0	391
Total	333	39	372	7	255	13	24	299	112	753	225	102	(s)	1,192	2	308	2,173
Total Stocks, All Oils	--	--	268,049	--	--	--	--	313,470	--	--	--	--	--	681,125	34,280	179,049	1,475,973

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[1] Crude oil data are not collected by refinery district.

[2] Includes 27170 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note Total may not equal sum of components due to independent rounding.

Sources See Explanatory Notes on Data Collection and Estimation

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31, 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,849	--	--	--	--	16,451	--	--	--	--	--	49,471	2,727	24,441	109,939
Tank Farms and Pipelines	--	--	2,521	--	--	--	--	64,876	--	--	--	--	--	95,449	12,371	30,372	205,589
Leases	--	--	88	--	--	--	--	1,461	--	--	--	--	--	17,317	1,300	1,601	21,767
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	214,777	0	0	214,777
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	26,728	26,728
Total	--	--	19,458	--	--	--	--	82,788	--	--	--	--	--	377,014	16,398	83,142	578,800
Petroleum Products																	
Refinery	42,537	4,558	47,095	1,100	47,287	6,153	26,042	80,582	11,464	86,775	47,331	4,992	1,819	152,381	12,606	68,923	361,587
Bulk Terminal	165,990	7,267	173,257	4,585	42,193	9,627	15,048	71,453	5,276	43,324	8,312	4,320	464	61,696	2,302	21,235	329,943
Pipeline	26,988	4,150	31,138	1,345	12,162	3,759	18,081	35,347	8,470	9,713	7,309	14,776	1,047	41,315	2,649	4,412	114,861
Natural Gas Processing Plant	446	629	1,075	0	2,567	294	31,739	34,601	7,039	31,180	16,745	5,993	1,305	62,262	318	1,317	99,572
Total	235,961	16,604	252,565	7,030	104,209	19,833	90,910	221,983	32,249	170,992	79,697	30,081	4,635	317,654	17,875	95,887	905,963
Natural Gasoline and Isopentane																	
Refinery	3	4	7	0	18	192	131	341	44	217	105	5	23	394	64	26	832
Pipeline	0	0	0	0	33	17	197	247	171	101	0	5	55	332	165	5	749
Natural Gas Processing Plant	3	24	27	0	22	14	907	943	408	4,503	643	14	48	5,616	49	16	6,652
Total	6	28	34	0	73	223	1,235	1,531	623	4,821	748	24	126	6,342	278	47	8,233
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	17	95	0	28	28	0	0	56	0	0	151
Natural Gas Processing Plant	0	0	0	0	96	2	977	1,075	286	1,722	183	78	214	2,484	33	2	3,595
Total	0	0	0	0	174	2	994	1,170	286	1,750	211	78	214	2,540	33	2	3,746
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	12	84	0	106	0	202	0	0	208
Pipeline	0	0	0	0	0	0	0	0	834	230	49	5	17	1,135	0	0	1,135
Natural Gas Processing Plant	0	0	0	0	3	0	4	7	30	35	6	12	1	83	4	0	94
Total	0	0	0	0	9	0	4	13	876	349	55	123	18	1,420	4	0	1,437
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	714	0	0	0	714	0	0	724
Bulk Terminal	0	0	0	0	75	0	6	81	0	313	0	0	0	313	0	0	394
Pipeline	0	0	0	0	36	734	128	898	224	74	116	0	3	417	0	0	1,315
Natural Gas Processing Plant	0	0	0	0	22	0	882	904	467	609	213	1	0	1,289	(s)	0	2,193
Total	0	0	0	0	143	734	1,016	1,893	691	1,710	329	1	3	2,733	(s)	0	4,626
Propane for Petrochemical Feedstock Use																	
Refinery	44	0	44	0	97	0	9	106	0	4	0	0	0	4	1	0	155
Total	44	0	44	0	97	0	9	106	0	4	0	0	0	4	1	0	155
Propane for Other Uses																	
Refinery	557	7	564	2	1,530	23	223	1,778	181	832	727	4	5	1,749	179	349	4,619
Bulk Terminal	963	0	963	0	1,352	73	615	2,040	204	13,691	60	47	0	14,002	27	0	17,032
Pipeline	849	2,841	3,690	46	872	444	1,986	3,348	578	383	245	590	144	1,940	104	0	9,082
Natural Gas Processing Plant	385	600	985	0	2,222	265	19,258	21,744	4,139	7,151	8,255	5,284	427	25,257	185	525	48,695
Total	2,754	3,448	6,202	48	5,976	805	22,082	28,910	5,102	22,057	9,287	5,925	576	42,948	495	874	79,428

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	19	0	19	0	21	0	2	0	23	1	3	47
Total	1	0	1	0	0	19	0	19	0	21	0	2	0	23	1	3	47
Butane for Other Uses																	
Refinery	210	9	219	292	805	50	378	1,525	176	971	180	3	8	1,338	166	698	3,946
Bulk Terminal	208	0	208	0	428	0	144	572	107	8,369	0	0	0	8,476	0	0	9,256
Pipeline	47	101	148	3	694	28	261	986	1,313	90	5	396	66	1,870	131	0	3,135
Natural Gas Processing Plant	50	2	53	0	186	10	5,461	5,657	993	7,903	5,206	492	145	14,738	38	418	20,904
Total	515	112	628	295	2,113	88	6,244	8,740	2,589	17,333	5,391	891	219	26,422	335	1,116	37,241
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	9	9	0	3	21	4	65	90
Bulk Terminal	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	10
Pipeline	0	0	0	0	0	0	19	19	632	31	4	0	1	668	0	0	687
Natural Gas Processing Plant	0	0	0	0	3	0	70	73	36	9	701	1	0	746	(s)	4	824
Total	0	0	0	0	13	0	89	102	668	49	714	1	4	1,435	4	69	1,611
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	167	167	430	3,361	0	0	0	3,791	0	0	3,958
Pipeline	0	0	0	0	66	0	603	669	698	85	2	0	129	914	175	0	1,758
Natural Gas Processing Plant	0	0	0	0	0	0	3,382	3,382	294	6,914	0	0	428	7,636	0	0	11,019
Total	0	0	0	0	66	0	4,152	4,218	1,422	10,360	2	0	557	12,341	175	0	16,735
Isobutane																	
Refinery	0	2	2	13	185	26	235	459	29	322	154	10	6	521	31	22	1,035
Bulk Terminal	0	0	0	0	48	0	23	71	78	2,165	0	0	0	2,243	0	0	2,314
Pipeline	0	7	7	13	239	0	87	339	146	160	0	100	64	470	47	0	863
Natural Gas Processing Plant	2	3	4	0	9	3	796	809	106	1,993	1,532	63	40	3,734	2	352	4,901
Total	2	12	13	26	481	29	1,141	1,678	359	4,640	1,686	173	110	6,968	80	374	9,113
Other Hydrocarbons and Alcohol																	
Refinery	0	8	8	0	103	0	1	104	2	15	17	0	0	34	1	1	148
Total	0	8	8	0	103	0	1	104	2	15	17	0	0	34	1	1	148
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,372	490	3,862	37	3,507	163	1,838	5,545	1,403	7,801	5,470	220	182	15,076	512	5,368	30,363
Kerosene and Lighter Gas Oils	1,538	9	1,547	0	2,608	3	1,576	4,187	186	7,414	1,191	36	2	8,829	542	4,084	19,189
Heavy Gas Oils	6,868	610	7,478	77	4,963	379	2,406	7,825	1,297	11,129	8,033	177	45	20,681	1,191	11,416	48,591
Residuum	1,496	353	1,849	1	3,662	80	2,240	5,983	258	3,848	2,249	153	8	6,516	612	6,391	21,351
Total	13,274	1,462	14,736	115	14,740	625	8,060	23,540	3,144	30,192	16,943	586	237	51,102	2,857	27,259	119,494

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,455	138	5,593	33	6,525	516	2,695	9,769	1,808	8,692	6,598	157	316	17,571	1,756	9,031	43,720
Bulk Terminal	1,024	0	1,024	4	94	2	229	329	66	103	0	1	0	170	5	127	1,655
Pipeline	0	0	0	0	28	2	169	199	25	0	0	0	0	25	0	0	224
Total	6,479	138	6,617	37	6,647	520	3,093	10,297	1,899	8,795	6,598	158	316	17,766	1,761	9,158	45,599
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	221	0	7	228	117	111	133	0	0	361	0	48	637
Total	0	0	0	0	221	0	7	228	117	111	133	0	0	361	0	48	637
Total Finished Motor Gasoline																	
Refinery	5,906	513	6,419	92	6,366	1,302	4,974	12,734	2,167	8,811	5,613	516	234	17,341	2,077	8,124	46,695
Bulk Terminal	38,529	2,905	41,434	2,047	16,326	3,863	5,376	27,612	2,306	4,464	1,777	2,504	270	11,321	1,236	9,636	91,239
Pipeline	14,351	797	15,148	678	5,654	1,327	7,670	15,329	2,247	4,719	3,910	7,496	184	18,556	1,239	2,272	52,544
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	11	0	0	0	0	11	5	0	22
Total Finished Motor Gasoline	58,792	4,215	63,007	2,817	28,346	6,492	18,020	55,675	6,731	17,994	11,300	10,516	688	47,229	4,557	20,032	190,500
Finished Leaded Motor Gasoline																	
Refinery	2,584	288	2,872	66	3,117	876	2,997	7,056	1,084	4,484	2,941	367	139	9,015	1,421	3,827	24,191
Bulk Terminal	18,650	1,392	20,042	1,102	8,674	2,237	3,036	15,049	1,226	2,434	906	1,256	163	5,985	675	4,942	46,693
Pipeline	7,412	249	7,661	378	3,056	763	4,561	8,758	843	2,208	1,677	3,777	139	8,644	878	1,240	27,181
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	9	0	0	0	0	9	3	0	19
Total	28,652	1,929	30,581	1,546	14,847	3,876	10,594	30,863	3,162	9,126	5,524	5,400	441	23,653	2,977	10,009	98,084
Finished Unleaded Motor Gasoline																	
Refinery	3,322	225	3,547	26	3,249	426	1,977	5,678	1,083	4,327	2,672	149	95	8,326	654	4,297	22,502
Bulk Terminal	19,862	1,513	21,375	945	7,632	1,626	2,330	12,533	1,079	2,030	871	1,248	107	5,335	561	4,694	44,498
Pipeline	6,939	548	7,487	300	2,598	563	3,109	6,570	1,404	2,511	2,233	3,719	45	9,912	361	1,032	25,362
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	3
Total	30,123	2,286	32,409	1,271	13,479	2,615	7,416	24,781	3,568	8,868	5,776	5,116	247	23,575	1,578	10,023	92,365
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Bulk Terminal	17	0	17	0	20	0	10	30	1	0	0	0	0	1	0	0	48
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	17	0	17	0	20	1	10	31	1	0	0	0	0	1	2	0	51
Finished Aviation Gasoline																	
Refinery	16	0	16	0	159	0	71	230	9	318	192	0	0	519	37	256	1,058
Bulk Terminal	415	43	458	0	208	93	82	383	45	0	10	16	42	113	19	417	1,390
Pipeline	0	0	0	0	11	0	41	52	28	10	0	0	6	44	0	0	96
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	74	0	0	0	0	74	0	0	74
Total	431	43	474	0	378	93	194	665	156	328	202	16	48	750	56	673	2,618
Naphtha-Type Jet Fuel																	
Refinery	272	116	388	0	455	43	469	967	300	942	479	152	247	2,120	182	867	4,524
Bulk Terminal	32	0	32	3	53	32	187	275	124	177	0	43	0	344	16	55	722
Pipeline	204	0	204	3	10	30	43	86	82	0	75	116	264	537	83	437	1,347
Total	508	116	624	6	518	105	699	1,328	506	1,119	554	311	511	3,001	281	1,359	6,593

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	983	15	998	32	1,339	70	272	1,713	399	3,637	2,013	19	12	6,080	302	3,470	12,563
Bulk Terminal	4,935	114	5,049	33	3,029	566	605	4,233	172	1,505	42	18	22	1,759	218	2,224	13,483
Pipeline	2,660	103	2,763	142	960	153	1,805	3,060	627	1,154	379	1,265	23	3,448	145	597	10,013
Total	8,578	232	8,810	207	5,328	789	2,682	9,006	1,198	6,296	2,434	1,302	57	11,287	665	6,291	36,059
Kerosene																	
Refinery	207	169	376	0	588	93	151	832	123	1,698	465	7	51	2,344	41	71	3,664
Bulk Terminal	4,842	315	5,157	192	1,048	64	48	1,352	13	670	19	21	0	723	33	83	7,348
Pipeline	516	27	543	113	105	0	290	508	7	109	143	265	0	524	0	80	1,655
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	0	(s)	(s)	4	0	0	4
Total	5,565	511	6,076	305	1,741	157	489	2,692	146	2,477	627	293	51	3,595	74	234	12,671
Total Distillate Fuel Oils																	
Refinery	7,300	588	7,888	65	6,657	1,944	5,113	13,779	1,337	10,511	5,644	1,687	393	19,572	2,000	5,780	49,019
Bulk Terminal	75,446	2,855	78,301	1,743	15,689	4,198	6,081	27,711	1,690	5,707	1,098	1,256	113	9,864	748	5,503	122,127
Pipeline	8,359	261	8,620	334	3,371	1,024	4,765	9,494	858	2,539	2,353	4,538	91	10,379	560	970	30,023
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	6	12	0	19	0	0	20
Total Distillate Fuel Oil	91,105	3,704	94,809	2,142	25,717	7,166	15,960	50,985	3,886	18,757	9,101	7,493	597	39,834	3,308	12,253	201,189
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,300	579	7,879	65	6,591	1,944	5,113	13,713	1,235	10,259	5,533	1,653	301	18,981	1,993	5,658	48,224
Bulk Terminal	73,636	2,855	76,491	1,735	15,634	4,197	6,081	27,647	1,690	5,599	1,098	1,255	113	9,755	748	5,469	120,110
Pipeline	8,359	261	8,620	334	3,371	1,024	4,765	9,494	858	2,539	2,353	4,538	91	10,379	560	970	30,023
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	6	12	0	19	0	0	20
Total	89,295	3,695	92,990	2,134	25,596	7,165	15,960	50,855	3,784	18,397	8,990	7,458	505	39,134	3,301	12,097	198,377
No. 4 Fuel Oil																	
Refinery	0	9	9	0	66	0	0	66	102	252	111	34	92	591	7	122	795
Bulk Terminal	1,810	0	1,810	8	55	1	0	64	0	108	0	1	0	109	0	34	2,017
Total	1,810	9	1,819	8	121	1	0	130	102	360	111	35	92	700	7	156	2,812
Residual Fuel Oils																	
Refinery	4,382	257	4,639	102	2,916	425	753	4,196	311	7,787	3,984	353	48	12,483	739	8,343	30,400
Bulk Terminal	35,382	347	35,729	293	2,312	144	1,061	3,810	33	2,762	4,918	212	0	7,925	0	2,016	49,480
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51
Total	39,764	604	40,368	395	5,228	569	1,814	8,006	344	10,549	8,902	565	48	20,408	739	10,410	79,931
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	75	0	75	0	115	0	133	248	147	2,396	437	17	0	2,997	0	284	3,604
Total	75	0	75	0	115	0	133	248	147	2,396	437	17	0	2,997	0	284	3,604
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	82	84	0	233	0	1	234	343	961	289	43	0	1,636	0	71	2,025
Total	2	82	84	0	233	0	1	234	343	961	289	43	0	1,636	0	71	2,025
Special Naphthas																	
Refinery	14	52	66	1	219	0	215	435	30	1,443	66	207	0	1,746	8	218	2,473
Bulk Terminal	1,025	54	1,079	58	171	64	45	338	0	0	0	8	0	8	0	54	1,479
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	137	0	0	0	0	137	0	0	137
Total	1,039	106	1,145	59	390	64	260	773	167	1,443	66	215	0	1,891	8	272	4,089

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	176	320	496	0	78	0	99	177	0	188	119	0	0	307	6	41	1,027
Neutral	728	289	1,017	0	599	0	420	1,019	0	1,756	880	57	0	2,693	90	506	5,325
Other	737	150	887	0	183	0	166	349	42	2,119	281	119	1	2,562	9	108	3,915
Bulk Terminals	992	268	1,260	26	399	21	56	502	8	37	190	74	17	326	0	507	2,595
Total	2,633	1,027	3,660	26	1,259	21	741	2,047	50	4,100	1,470	250	18	5,888	105	1,162	12,862
Wax, Microcrystalline																	
Refinery	0	23	23	0	0	0	14	14	33	16	6	0	0	55	0	0	92
Total	0	23	23	0	0	0	14	14	33	16	6	0	0	55	0	0	92
Wax, Crystalline--Fully Refined																	
Refinery	11	23	34	0	21	0	24	45	0	60	160	0	0	220	1	24	324
Total	11	23	34	0	21	0	24	45	0	60	160	0	0	220	1	24	324
Wax, Crystalline--Other																	
Refinery	2	45	47	0	2	0	2	4	0	131	0	0	0	131	0	7	189
Total	2	45	47	0	2	0	2	4	0	131	0	0	0	131	0	7	189
Petroleum Coke																	
Refinery	517	0	517	0	333	8	108	449	1	342	533	10	0	886	545	1,143	3,540
Total	517	0	517	0	333	8	108	449	1	342	533	10	0	886	545	1,143	3,540
Asphalt																	
Refinery	1,393	242	1,635	352	2,236	807	1,259	4,654	649	614	1,068	878	235	3,444	1,504	1,768	13,005
Bulk Terminal	2,171	366	2,537	186	924	503	320	1,933	0	0	198	48	0	246	0	584	5,300
Total	3,564	608	4,172	538	3,160	1,310	1,579	6,587	649	614	1,266	926	235	3,690	1,504	2,352	18,305
Road Oil																	
Refinery	0	0	0	0	15	0	6	21	0	0	0	2	0	2	4	34	61
Total	0	0	0	0	15	0	6	21	0	0	0	2	0	2	4	34	61
Miscellaneous Products																	
Refinery	272	44	316	1	533	10	53	597	59	861	236	52	0	1,208	1	306	2,428
Bulk Terminal	26	0	26	0	27	4	3	34	0	0	0	72	0	72	0	29	161
Pipeline	2	13	15	13	5	0	0	18	0	0	0	0	0	0	0	0	33
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	55	342	1	34	(s)	433	2	0	439
Total	300	57	357	14	569	14	56	653	114	1,203	237	158	(s)	1,713	3	335	3,061
Total Stocks, All Oils	--	--	272,023	--	--	--	--	304,771	--	--	--	--	--	694,668	34,273	179,029	1,484,763

[1] Crude oil data are not collected by refinery district.

[2] Includes 28,110 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30,
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	17,044	--	--	--	--	16,491	--	--	--	--	--	48,066	2,310	26,137	110,048
Tank Farms and Pipelines	--	--	3,160	--	--	--	--	66,255	--	--	--	--	--	97,534	11,618	29,973	208,540
Leases	--	--	80	--	--	--	--	1,544	--	--	--	--	--	17,552	1,330	1,556	22,062
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	222,542	0	0	222,542
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	25,345	25,345
Total	--	--	20,284	--	--	--	--	84,290	--	--	--	--	--	385,694	15,258	83,011	588,537
Petroleum Products																	
Refinery	43,563	4,575	48,138	1,005	46,520	6,447	25,507	79,479	11,579	84,492	48,757	5,379	1,960	152,167	13,845	69,088	362,717
Bulk Terminal	168,699	8,536	177,235	4,785	42,776	10,877	15,113	73,551	5,467	40,373	10,040	4,176	574	60,630	2,802	23,052	337,270
Pipeline	26,338	3,829	30,167	1,574	12,411	3,923	17,598	35,506	8,230	10,061	7,765	14,622	1,112	41,790	2,809	4,233	114,505
Natural Gas Processing Plant	509	623	1,132	0	2,622	264	29,211	32,097	7,105	32,275	16,492	6,258	1,374	63,504	368	1,349	98,450
Total	239,109	17,563	256,672	7,364	104,329	21,511	87,429	220,633	32,381	167,201	83,054	30,435	5,020	318,091	19,824	97,722	912,942
Natural Gasoline and Isopentane																	
Refinery	4	5	9	0	15	107	147	269	56	318	120	1	23	518	30	20	846
Pipeline	0	0	0	0	14	1	147	162	231	57	0	58	55	401	165	5	733
Natural Gas Processing Plant	4	39	43	0	20	17	1,046	1,084	416	4,933	712	42	73	6,176	45	16	7,363
Total	8	44	52	0	49	125	1,340	1,515	703	5,308	832	101	151	7,095	240	41	8,942
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	32	110	0	28	28	0	0	56	0	0	166
Natural Gas Processing Plant	0	0	0	0	100	3	1,005	1,108	356	1,140	233	19	316	2,065	33	1	3,208
Total	0	0	0	0	178	3	1,037	1,218	356	1,168	261	19	316	2,121	33	1	3,374
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	14	134	0	89	0	237	0	0	243
Pipeline	0	0	0	0	52	0	0	52	922	267	49	20	17	1,275	0	0	1,327
Natural Gas Processing Plant	0	0	0	0	3	0	4	7	30	50	5	12	1	98	2	0	107
Total	0	0	0	0	61	0	4	65	966	451	54	121	18	1,610	2	0	1,677
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	642	0	0	0	642	0	0	652
Bulk Terminal	0	0	0	0	103	0	38	141	0	313	0	0	0	313	0	0	454
Pipeline	0	0	0	0	26	783	110	919	206	62	120	0	3	391	0	0	1,310
Natural Gas Processing Plant	0	0	0	0	22	0	740	762	446	634	220	1	0	1,301	(s)	0	2,063
Total	0	0	0	0	161	783	888	1,832	652	1,651	340	1	3	2,647	(s)	0	4,479
Propane for Petrochemical Feedstock Use																	
Refinery	25	0	25	0	57	0	7	64	0	5	0	0	0	5	1	0	95
Total	25	0	25	0	57	0	7	64	0	5	0	0	0	5	1	0	95
Propane for Other Uses																	
Refinery	607	3	610	3	1,505	22	288	1,818	230	1,162	967	7	5	2,371	195	324	5,318
Bulk Terminal	845	0	845	0	1,457	102	741	2,300	172	13,546	36	27	0	13,781	46	0	16,972
Pipeline	888	2,529	3,417	42	952	399	1,752	3,145	481	294	249	515	146	1,685	104	0	8,351
Natural Gas Processing Plant	440	580	1,020	0	2,292	234	18,049	20,574	4,158	8,017	8,864	5,792	357	27,188	233	534	49,549
Total	2,780	3,112	5,892	45	6,206	757	20,830	27,837	5,041	23,019	10,116	6,341	508	45,025	578	858	80,190

See footnotes at end of table

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	18	0	18	0	20	1	2	0	23	1	2	45
Total	1	0	1	0	0	18	0	18	0	20	1	2	0	23	1	2	45
Butane for Other Uses																	
Refinery	174	5	179	235	694	22	311	1,262	239	727	206	3	19	1,194	168	701	3,504
Bulk Terminal	209	0	209	0	355	0	178	533	112	7,466	0	0	0	7,578	0	0	8,320
Pipeline	31	41	72	21	981	30	420	1,452	1,252	162	5	210	56	1,685	149	0	3,358
Natural Gas Processing Plant	55	3	57	0	161	9	4,130	4,300	882	7,465	4,410	302	132	13,191	45	432	18,026
Total	469	49	517	256	2,191	61	5,039	7,547	2,485	15,820	4,621	515	207	23,648	362	1,133	33,208
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Total	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	12	11	0	5	28	8	312	348
Bulk Terminal	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	8
Pipeline	0	0	0	0	0	0	19	19	615	26	10	0	1	652	0	0	671
Natural Gas Processing Plant	0	0	0	0	3	0	58	61	67	63	725	1	0	857	(s)	4	922
Total	0	0	0	0	11	0	77	88	682	101	746	1	6	1,537	8	316	1,949
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	0	0	476	3,345	0	0	0	3,821	0	0	3,821
Pipeline	0	0	0	0	66	0	499	565	841	66	2	0	137	1,046	184	0	1,795
Natural Gas Processing Plant	0	0	0	0	0	0	3,630	3,630	266	7,369	0	0	434	8,069	0	0	11,699
Total	0	0	0	0	66	0	4,129	4,195	1,583	10,780	2	0	571	12,936	184	0	17,315
Isobutane																	
Refinery	0	3	3	39	168	28	194	429	46	304	194	11	5	560	26	47	1,065
Bulk Terminal	0	0	0	0	45	0	28	73	112	2,040	0	0	0	2,152	0	0	2,225
Pipeline	0	15	15	0	418	0	102	520	161	40	0	150	62	413	47	0	995
Natural Gas Processing Plant	1	2	3	0	16	2	547	564	190	2,262	1,315	67	60	3,894	1	362	4,824
Total	1	20	21	39	647	30	871	1,586	509	4,646	1,509	228	127	7,019	74	409	9,109
Other Hydrocarbons and Alcohol																	
Refinery	0	6	6	0	83	0	1	84	10	86	21	0	0	117	1	1	209
Total	0	6	6	0	83	0	1	84	10	86	21	0	0	117	1	1	209
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,120	464	3,584	36	3,629	176	1,605	5,446	1,273	7,835	4,934	293	194	14,529	633	5,043	29,235
Kerosene and Lighter Gas Oils	1,498	10	1,508	0	1,911	5	1,172	3,088	148	7,299	1,376	27	2	8,852	684	4,125	18,257
Heavy Gas Oils	6,812	567	7,379	62	4,715	378	2,327	7,482	1,366	10,413	7,342	247	44	19,412	1,032	12,114	47,419
Residuum	1,296	350	1,646	0	4,021	45	2,158	6,224	173	4,627	2,210	31	10	7,051	530	6,052	21,503
Total	12,726	1,391	14,117	98	14,276	604	7,262	22,240	2,960	30,174	15,862	598	250	49,844	2,879	27,334	116,414

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,415	145	5,560	17	6,263	719	3,020	10,019	2,011	9,484	7,451	159	325	19,430	2,307	8,821	46,137
Bulk Terminal	607	0	607	5	122	1	156	284	121	71	93	1	0	286	8	106	1,291
Pipeline	0	0	0	0	15	2	317	334	41	0	0	0	0	41	0	0	375
Total	6,022	145	6,167	22	6,400	722	3,493	10,637	2,173	9,555	7,544	160	325	19,757	2,315	8,927	47,803
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	198	0	6	204	70	140	103	0	0	313	0	25	542
Total	0	0	0	0	198	0	6	204	70	140	103	0	0	313	0	25	542
Total Finished Motor Gasoline																	
Refinery	5,741	643	6,384	109	6,444	1,580	5,391	13,524	2,292	10,228	5,992	645	303	19,460	2,416	9,224	51,008
Bulk Terminal	38,275	3,414	41,689	2,165	17,160	4,509	5,828	29,662	2,426	4,697	1,750	2,611	356	11,840	1,744	10,386	95,321
Pipeline	14,676	782	15,458	853	5,778	1,491	7,244	15,366	2,142	5,025	4,794	7,452	154	19,567	1,252	2,646	54,289
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	11	0	0	0	0	11	5	0	25
Total Finished Motor Gasoline	58,701	4,839	63,540	3,127	29,382	7,580	18,463	58,552	6,871	19,950	12,536	10,708	813	50,878	5,417	22,256	200,643
Finished Leaded Motor Gasoline																	
Refinery	2,481	341	2,822	58	3,149	994	3,180	7,381	1,173	4,975	3,112	519	192	9,971	1,677	4,193	26,044
Bulk Terminal	18,475	1,653	20,128	1,109	8,895	2,502	3,446	15,952	1,261	2,427	968	1,359	202	6,217	1,039	5,404	48,740
Pipeline	7,524	276	7,800	490	3,325	860	4,073	8,748	1,367	2,794	2,367	3,587	93	10,208	897	1,516	29,169
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	8	0	0	0	0	8	3	0	20
Total	28,489	2,270	30,759	1,657	15,369	4,356	10,699	32,081	3,809	10,196	6,447	5,465	487	26,404	3,616	11,113	103,973
Finished Unleaded Motor Gasoline																	
Refinery	3,260	302	3,562	51	3,295	586	2,211	6,143	1,119	5,253	2,880	126	111	9,489	737	5,031	24,962
Bulk Terminal	19,787	1,761	21,548	1,056	8,235	2,007	2,376	13,674	1,165	2,270	782	1,252	154	5,623	705	4,982	46,532
Pipeline	7,152	506	7,658	363	2,453	629	3,171	6,616	775	2,231	2,427	3,865	61	9,359	355	1,130	25,118
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	0	0	0	3	2	0	5
Total	30,199	2,569	32,768	1,470	13,983	3,222	7,758	26,433	3,062	9,754	6,089	5,243	326	24,474	1,799	11,143	96,617
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Bulk Terminal	13	0	13	0	30	0	6	36	0	0	0	0	0	0	0	0	49
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	13	0	13	0	30	2	6	38	0	0	0	0	0	0	2	0	53
Finished Aviation Gasoline																	
Refinery	37	0	37	0	132	0	66	198	14	388	192	0	0	594	42	234	1,105
Bulk Terminal	377	36	413	0	220	87	116	423	59	23	10	21	41	154	22	438	1,450
Pipeline	12	0	12	0	10	0	43	53	0	4	0	0	0	4	0	0	69
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	68	0	0	0	0	68	0	0	68
Total	426	36	462	0	362	87	225	674	141	415	202	21	41	820	64	672	2,692
Naphtha-Type Jet Fuel																	
Refinery	333	91	424	0	424	28	422	874	325	696	464	129	227	1,841	201	1,037	4,377
Bulk Terminal	30	0	30	3	43	28	134	208	129	213	0	41	0	383	14	85	720
Pipeline	286	0	286	3	10	69	151	233	71	0	41	129	375	616	104	398	1,637
Total	649	91	740	6	477	125	707	1,315	525	909	505	299	602	2,840	319	1,520	6,734

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,001	17	1,018	34	1,303	76	283	1,696	368	3,146	2,343	5	11	5,873	317	3,670	12,574
Bulk Terminal	4,750	165	4,915	40	2,658	300	557	3,555	146	1,677	68	42	32	1,965	162	2,225	12,822
Pipeline	2,499	65	2,564	110	1,238	68	1,702	3,118	787	916	691	1,111	24	3,529	134	520	9,865
Total	8,250	247	8,497	184	5,199	444	2,542	8,369	1,301	5,739	3,102	1,158	67	11,367	613	6,415	35,261
Kerosene																	
Refinery	205	137	342	0	546	90	149	785	44	1,343	563	8	70	2,028	57	108	3,320
Bulk Terminal	5,284	296	5,580	218	904	60	44	1,226	19	365	59	26	0	469	37	86	7,398
Pipeline	577	0	577	114	137	0	271	522	6	60	116	313	0	495	0	27	1,621
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	6,066	433	6,499	332	1,587	150	464	2,533	71	1,768	738	347	71	2,995	94	221	12,342
Total Distillate Fuel Oils																	
Refinery	7,946	590	8,536	92	7,564	1,860	4,732	14,248	1,133	8,694	6,231	1,908	389	18,355	2,161	5,553	48,853
Bulk Terminal	76,503	3,146	79,649	1,791	15,979	4,850	5,766	28,386	1,654	4,250	1,329	1,091	129	8,453	766	6,096	123,350
Pipeline	7,369	397	7,766	431	2,636	1,080	4,789	8,936	443	3,054	1,660	4,664	82	9,903	670	618	27,893
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	10	0	18	0	0	19
Total Distillate Fuel Oil	91,818	4,133	95,951	2,314	26,179	7,790	15,288	51,571	3,232	15,998	9,227	7,673	600	36,729	3,597	12,267	200,115
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,946	580	8,526	92	7,488	1,860	4,732	14,172	1,041	8,595	6,155	1,865	255	17,911	2,150	5,452	48,211
Bulk Terminal	74,462	3,146	77,608	1,780	15,790	4,848	5,766	28,184	1,654	4,241	1,329	1,090	129	8,443	766	6,059	121,060
Pipeline	7,369	397	7,766	431	2,636	1,080	4,789	8,936	443	3,054	1,660	4,664	82	9,903	670	618	27,893
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	10	0	18	0	0	19
Total	89,777	4,123	93,900	2,303	25,914	7,788	15,288	51,293	3,140	15,890	9,151	7,629	466	36,275	3,586	12,129	197,183
No. 4 Fuel Oil																	
Refinery	0	10	10	0	76	0	0	76	92	99	76	43	134	444	11	101	642
Bulk Terminal	2,041	0	2,041	11	189	2	0	202	0	9	0	1	0	10	0	37	2,290
Total	2,041	10	2,051	11	265	2	0	278	92	108	76	44	134	454	11	138	2,932
Residual Fuel Oils																	
Refinery	5,142	237	5,379	70	2,926	377	829	4,202	374	6,295	3,778	375	74	10,896	730	7,406	28,613
Bulk Terminal	37,236	345	37,581	300	2,332	166	1,160	3,958	33	2,328	6,353	118	0	8,832	0	2,388	52,759
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
Total	42,378	582	42,960	370	5,258	543	1,989	8,160	407	8,623	10,131	493	74	19,728	730	9,813	81,391
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	89	0	89	0	44	0	123	167	176	1,856	450	27	0	2,509	0	332	3,097
Total	89	0	89	0	44	0	123	167	176	1,856	450	27	0	2,509	0	332	3,097
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	68	70	0	150	0	1	151	359	903	228	50	0	1,540	0	65	1,826
Total	2	68	70	0	150	0	1	151	359	903	228	50	0	1,540	0	65	1,826
Special Naphthas																	
Refinery	13	49	62	1	244	0	165	410	51	1,448	74	184	0	1,757	7	245	2,481
Bulk Terminal	1,134	239	1,373	81	186	64	92	423	0	0	0	9	0	9	0	67	1,872
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	130	0	0	0	0	130	0	0	130
Total	1,147	288	1,435	82	430	64	257	833	181	1,448	74	193	0	1,896	7	312	4,483

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	178	345	523	0	75	0	101	176	0	197	111	0	0	308	12	44	1,063
Neutral	886	300	1,186	0	655	0	427	1,082	0	1,761	876	90	0	2,727	77	515	5,587
Other	771	146	917	0	182	0	149	331	49	2,328	301	139	0	2,817	8	112	4,185
Bulk Terminals	1,091	247	1,338	17	407	22	87	533	8	39	198	150	16	411	3	760	3,045
Total	2,926	1,038	3,964	17	1,319	22	764	2,122	57	4,325	1,486	379	16	6,263	100	1,431	13,880
Wax, Microcrystalline																	
Refinery	0	30	30	0	0	0	17	17	27	19	9	1	0	56	0	0	103
Total	0	30	30	0	0	0	17	17	27	19	9	1	0	56	0	0	103
Wax, Crystalline--Fully Refined																	
Refinery	8	26	34	0	21	0	23	44	0	53	151	0	0	204	6	29	317
Total	8	26	34	0	21	0	23	44	0	53	151	0	0	204	6	29	317
Wax, Crystalline--Other																	
Refinery	3	57	60	0	1	0	5	6	0	139	0	0	0	139	0	10	215
Total	3	57	60	0	1	0	5	6	0	139	0	0	0	139	0	10	215
Petroleum Coke																	
Refinery	657	0	657	0	383	225	137	745	1	506	610	31	0	1,148	568	1,063	4,181
Total	657	0	657	0	383	225	137	745	1	506	610	31	0	1,148	568	1,063	4,181
Asphalt																	
Refinery	1,324	235	1,559	305	1,802	676	1,194	3,977	670	597	1,143	860	254	3,524	1,624	1,632	12,316
Bulk Terminal	2,331	648	2,979	165	775	684	186	1,810	0	0	144	26	0	170	0	388	5,347
Total	3,655	883	4,538	470	2,577	1,360	1,380	5,787	670	597	1,287	886	254	3,694	1,624	2,020	17,663
Road Oil																	
Refinery	0	0	0	0	13	0	7	20	0	0	0	2	0	2	3	17	42
Total	0	0	0	0	13	0	7	20	0	0	0	2	0	2	3	17	42
Miscellaneous Products																	
Refinery	275	46	321	2	336	15	50	403	58	687	305	55	0	1,105	0	205	2,034
Bulk Terminal	27	0	27	0	22	4	2	28	0	0	0	13	0	13	0	27	95
Pipeline	0	0	0	0	0	0	0	0	31	0	0	0	0	31	0	0	31
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	80	342	1	14	(s)	436	3	0	444
Total	302	46	348	2	362	19	52	435	169	1,029	306	82	(s)	1,585	3	232	2,604
Total Stocks, All Oils	--	--	276,956	--	--	--	--	304,923	--	--	--	--	--	703,785	35,082	180,733	1,501,479

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[1] Crude oil data are not collected by refinery district.

[2] Includes 28,671 thousands of barrels of domestic crude oil

(s) Less than 500 barrels

Note: Total may not equal sum of components due to independent rounding

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31, 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	17,542	--	--	--	--	15,602	--	--	--	--	--	44,626	2,139	26,970	106,879
Tank Farms and Pipelines	--	--	3,072	--	--	--	--	67,362	--	--	--	--	--	98,134	10,794	30,512	209,874
Leases	--	--	77	--	--	--	--	1,484	--	--	--	--	--	17,448	1,312	1,631	21,952
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	230,341	0	0	230,341
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	24,759	24,759
Total	--	--	20,691	--	--	--	--	84,448	--	--	--	--	--	390,549	14,245	83,872	593,805
Petroleum Products																	
Refinery	43,613	4,712	48,325	900	45,742	6,904	25,126	78,672	11,995	78,630	48,512	5,689	2,031	146,857	15,730	69,929	359,513
Bulk Terminal	155,336	7,981	163,317	4,358	43,983	11,301	14,877	74,519	4,798	40,961	9,709	4,360	512	60,340	2,532	26,049	326,757
Pipeline	26,100	3,206	29,306	1,807	13,013	3,736	17,057	35,613	8,507	8,918	7,323	14,565	1,055	40,368	2,732	4,766	112,785
Natural Gas Processing Plant	439	529	968	0	2,594	279	25,400	28,273	6,974	32,390	14,350	5,396	1,050	60,159	323	1,064	90,788
Total	225,488	16,428	241,916	7,065	105,332	22,220	82,460	217,077	32,274	160,899	79,894	30,010	4,648	307,724	21,317	101,808	889,843
Natural Gasoline and Isopentane																	
Refinery	2	4	6	0	14	123	149	286	67	261	138	2	24	492	57	27	868
Pipeline	0	0	0	0	114	1	129	244	194	109	0	73	56	432	165	5	846
Natural Gas Processing Plant	2	21	23	0	12	20	1,113	1,146	432	5,234	633	62	88	6,448	46	16	7,679
Total	4	25	29	0	140	144	1,391	1,676	693	5,604	771	137	168	7,372	268	48	9,393
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	3
Pipeline	0	0	0	0	78	0	33	111	0	28	29	0	0	57	0	0	168
Natural Gas Processing Plant	0	0	0	0	95	2	1,359	1,457	268	2,251	255	3	115	2,892	30	2	4,381
Total	0	0	0	0	173	2	1,392	1,568	268	2,282	284	3	115	2,952	30	2	4,552
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	14	171	0	85	0	270	0	0	275
Pipeline	0	0	0	0	45	0	0	45	829	254	49	9	17	1,158	0	0	1,203
Natural Gas Processing Plant	0	0	0	0	2	0	4	7	27	35	13	12	1	88	2	0	96
Total	0	0	0	0	52	0	4	57	870	460	62	106	18	1,516	2	0	1,574
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	586	0	0	0	586	0	0	596
Bulk Terminal	0	0	0	0	45	0	44	89	0	711	0	0	0	711	0	0	800
Pipeline	0	0	0	0	48	762	153	963	232	79	123	0	3	437	0	0	1,400
Natural Gas Processing Plant	0	0	0	0	22	0	573	595	422	690	411	(s)	0	1,524	(s)	0	2,119
Total	0	0	0	0	125	762	770	1,657	654	2,066	534	(s)	3	3,258	(s)	0	4,915
Propane for Petrochemical Feedstock Use																	
Refinery	34	0	34	0	86	0	4	90	0	5	0	0	0	5	1	0	130
Total	34	0	34	0	86	0	4	90	0	5	0	0	0	5	1	0	130
Propane for Other Uses																	
Refinery	597	5	602	5	1,337	20	277	1,639	254	1,174	1,081	4	1	2,514	180	239	5,174
Bulk Terminal	648	0	648	0	1,441	101	403	1,945	153	15,102	0	31	0	15,286	34	0	17,913
Pipeline	705	1,855	2,560	63	798	263	1,729	2,853	512	85	251	770	142	1,760	118	0	7,291
Natural Gas Processing Plant	367	503	869	0	2,301	242	16,067	18,609	4,075	8,024	7,468	4,998	336	24,900	200	471	45,050
Total	2,317	2,363	4,679	68	5,877	626	18,476	25,046	4,994	24,385	8,800	5,803	479	44,460	532	710	75,428

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	14	0	14	0	17	0	1	0	18	1	2	35
Total	0	0	0	0	0	14	0	14	0	17	0	1	0	18	1	2	35
Butane for Other Uses																	
Refinery	227	19	246	141	545	56	272	1,014	185	466	193	2	6	852	195	593	2,900
Bulk Terminal	201	0	201	0	330	0	136	466	102	5,926	0	0	0	6,028	0	0	6,695
Pipeline	56	169	225	0	881	23	400	1,304	1,206	112	5	156	57	1,536	49	0	3,114
Natural Gas Processing Plant	51	3	55	0	114	12	2,894	3,021	907	6,132	3,820	189	87	11,135	36	263	14,510
Total	535	191	727	141	1,870	91	3,702	5,805	2,400	12,636	4,018	347	150	19,551	280	856	27,219
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	9	14	0	7	30	2	255	287
Bulk Terminal	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	10
Pipeline	0	0	0	0	0	0	19	19	647	26	10	0	1	684	0	0	703
Natural Gas Processing Plant	0	0	0	0	3	0	28	31	49	7	659	2	0	717	(s)	4	752
Total	0	0	0	0	13	0	47	60	696	42	683	2	8	1,431	2	259	1,752
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	2	2	332	3,340	0	0	0	3,672	0	0	3,674
Pipeline	0	0	0	0	66	0	585	651	705	86	2	0	144	937	182	0	1,770
Natural Gas Processing Plant	0	0	0	0	0	0	2,767	2,767	268	7,602	0	(s)	353	8,223	0	0	10,990
Total	0	0	0	0	66	0	3,354	3,420	1,305	11,028	2	(s)	497	12,832	182	0	16,434
Isobutane																	
Refinery	6	4	10	28	184	36	172	420	50	441	181	11	4	687	59	18	1,194
Bulk Terminal	0	0	0	0	39	0	3	42	88	1,956	0	0	0	2,044	0	0	2,086
Pipeline	0	0	0	0	416	4	118	538	146	44	0	100	57	347	43	0	928
Natural Gas Processing Plant	1	2	2	0	40	4	593	637	228	2,108	1,081	94	70	3,582	1	309	4,530
Total	7	6	12	28	679	44	886	1,637	512	4,549	1,262	205	131	6,660	103	327	8,738
Other Hydrocarbons and Alcohol																	
Refinery	0	5	5	0	115	0	1	116	13	70	2	0	0	85	1	1	208
Total	0	5	5	0	115	0	1	116	13	70	2	0	0	85	1	1	208
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,000	399	3,399	42	3,341	132	1,284	4,799	1,116	6,191	4,440	376	204	12,327	524	4,564	25,613
Kerosene and Lighter Gas Oils	1,431	260	1,691	0	1,803	5	1,283	3,091	220	6,767	1,664	32	3	8,686	622	3,919	18,009
Heavy Gas Oils	6,178	494	6,672	108	4,511	280	2,970	7,869	1,347	10,574	7,712	253	35	19,921	1,358	11,806	47,626
Residuum	1,260	269	1,529	1	3,437	21	1,971	5,430	215	4,037	2,340	91	12	6,695	636	5,810	20,100
Total	11,869	1,422	13,291	151	13,092	438	7,508	21,189	2,898	27,569	16,156	752	254	47,629	3,140	26,099	111,348

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																		
Refinery	6,290	160	6,450	30	6,690	641	3,031	10,392	2,224	9,556	6,816	138	269	19,003	2,629	9,291	47,765
Bulk Terminal	465	0	465	4	90	1	306	401	111	57	0	1	0	169	7	437	1,479
Pipeline	0	0	0	0	0	2	265	267	21	0	0	0	0	21	0	0	288
Total	6,755	160	6,915	34	6,780	644	3,602	11,060	2,356	9,613	6,816	139	269	19,193	2,636	9,728	49,532
Aviation Gasoline Blending Components																		
Refinery	0	0	0	0	154	0	6	160	72	189	220	0	0	481	0	50	691
Total	0	0	0	0	154	0	6	160	72	189	220	0	0	481	0	50	691
Total Finished Motor Gasoline																		
Refinery	5,957	610	6,567	81	6,454	1,832	4,423	12,790	2,258	9,412	6,231	719	293	18,913	3,015	9,735	51,020
Bulk Terminal	37,998	3,282	41,280	2,253	19,084	4,707	6,014	32,058	1,983	5,800	1,678	2,605	316	12,382	1,466	11,204	98,390
Pipeline	13,865	858	14,723	1,023	6,974	1,425	7,271	16,693	2,714	4,818	3,936	7,328	180	18,976	1,357	2,279	54,028
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	8	0	0	0	0	8	5	0	31
Total Finished Motor Gasoline	57,838	4,750	62,588	3,357	32,512	7,964	17,708	61,541	6,963	20,030	11,845	10,652	789	50,279	5,843	23,218	203,469
Finished Leaded Motor Gasoline																		
Refinery	2,766	277	3,043	35	3,318	1,235	2,886	7,474	1,311	4,548	3,408	600	198	10,065	2,009	4,398	26,989
Bulk Terminal	19,021	1,577	20,598	1,160	10,448	2,979	3,927	18,514	1,086	3,262	748	1,369	200	6,665	974	5,862	52,613
Pipeline	6,813	341	7,154	610	3,755	869	4,853	10,087	1,269	2,707	1,246	3,859	96	9,177	1,037	1,000	28,455
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	6	0	0	0	0	6	3	0	28
Total	28,618	2,195	30,813	1,805	17,521	5,083	11,666	36,075	3,672	10,517	5,402	5,828	494	25,913	4,023	11,260	108,085
Finished Unleaded Motor Gasoline																		
Refinery	3,191	333	3,524	46	3,136	597	1,537	5,316	943	4,864	2,823	119	95	8,844	1,004	5,337	24,025
Bulk Terminal	18,963	1,705	20,668	1,093	8,611	1,728	2,082	13,514	889	2,538	930	1,236	116	5,709	492	5,342	45,725
Pipeline	7,052	517	7,569	413	3,219	555	2,418	6,605	1,445	2,111	2,690	3,469	84	9,799	320	1,279	25,572
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	3
Total	29,206	2,555	31,761	1,552	14,966	2,880	6,037	25,435	3,278	9,513	6,443	4,824	295	24,353	1,818	11,958	95,325
Gasohol																		
Refinery	0	0	0	0	0	0	0	0	4	0	0	0	0	4	2	0	6
Bulk Terminal	14	0	14	0	25	0	5	30	8	0	0	0	0	8	0	0	52
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	14	0	14	0	25	1	5	31	12	0	0	0	0	12	2	0	59
Finished Aviation Gasoline																		
Refinery	38	0	38	0	140	0	54	194	14	368	214	0	0	596	39	224	1,091
Bulk Terminal	383	45	428	0	211	92	85	388	52	23	9	24	41	149	17	483	1,465
Pipeline	14	0	14	0	13	0	31	44	16	21	0	0	0	37	0	0	95
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	82	0	0	0	0	82	0	0	82
Total	435	45	480	0	364	92	170	626	164	412	223	24	41	864	56	707	2,733
Naphtha-Type Jet Fuel																		
Refinery	456	61	517	0	383	36	403	822	359	997	377	103	272	2,108	180	1,229	4,856
Bulk Terminal	21	0	21	3	54	55	179	291	162	160	0	47	0	369	14	65	760
Pipeline	296	0	296	3	10	0	96	109	99	0	12	146	268	525	65	443	1,438
Total	773	61	834	6	447	91	678	1,222	620	1,157	389	296	540	3,002	259	1,737	7,054

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31, 1981
(Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	945	15	960	39	1,277	56	186	1,558	388	2,089	2,618	9	35	5,139	252	3,593	11,502
Bulk Terminal	4,773	195	4,968	30	2,708	476	512	3,726	249	1,497	51	44	32	1,873	154	2,469	13,190
Pipeline	2,046	91	2,137	126	836	148	1,478	2,588	596	1,255	630	1,279	44	3,804	165	625	9,319
Total	7,764	301	8,065	195	4,821	680	2,176	7,872	1,233	4,841	3,299	1,332	111	10,816	571	6,687	34,011
Kerosene																	
Refinery	114	109	223	0	553	40	179	772	39	1,150	591	8	74	1,862	78	91	3,026
Bulk Terminal	4,513	228	4,741	196	707	54	28	985	16	253	124	16	0	409	33	72	6,240
Pipeline	436	4	440	76	185	0	318	579	5	74	286	309	0	674	0	80	1,773
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	(s)	1	3	0	0	3
Total	5,063	341	5,404	272	1,445	94	525	2,336	62	1,477	1,001	333	75	2,948	111	243	11,042
Total Distillate Fuel Oils																	
Refinery	7,353	636	7,989	82	7,511	1,809	4,977	14,379	1,164	9,309	5,448	1,767	409	18,097	2,477	6,124	49,066
Bulk Terminal	67,263	3,280	70,543	1,371	15,273	4,704	5,680	27,028	1,514	3,760	1,772	1,324	119	8,489	806	7,223	114,089
Pipeline	8,682	229	8,911	516	2,549	1,108	4,432	8,605	554	1,927	1,990	4,395	86	8,952	588	1,319	28,375
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	1	0	10	0	0	11
Total Distillate Fuel Oil	83,298	4,145	87,443	1,969	25,333	7,621	15,090	50,013	3,234	14,996	9,217	7,487	614	35,548	3,871	14,666	191,541
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,353	628	7,981	82	7,417	1,809	4,977	14,285	1,049	9,063	5,344	1,681	291	17,428	2,466	6,079	48,239
Bulk Terminal	65,256	3,280	68,536	1,364	15,093	4,704	5,680	26,841	1,514	3,759	1,772	1,323	119	8,487	806	7,186	111,856
Pipeline	8,682	229	8,911	516	2,549	1,108	4 432	8,605	554	1,927	1,990	4,395	86	8,952	588	1,319	28,375
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	7	1	0	10	0	0	11
Total	81,291	4,137	85,428	1,962	25,059	7,621	15,090	49,732	3,119	14,749	9,113	7,400	496	34,877	3,860	14,584	188,481
No. 4 Fuel Oil																	
Refinery	0	8	8	0	94	0	0	94	115	246	104	86	118	669	11	45	827
Bulk Terminal	2,007	0	2,007	7	180	0	0	187	0	1	0	1	0	2	0	37	2,233
Total	2,007	8	2,015	7	274	0	0	281	115	247	104	87	118	671	11	82	3,060
Residual Fuel Oils																	
Refinery	5,145	168	5,313	44	2,858	659	817	4,378	385	5,546	4,123	437	112	10,603	662	7,692	28,648
Bulk Terminal	34,531	300	34,831	197	2,343	221	1,157	3,918	33	2,337	5,633	132	0	8,135	0	2,445	49,329
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	39,676	468	40,144	241	5,201	880	1,974	8,296	418	7,883	9,756	569	112	18,738	662	10,152	77,992
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	139	0	139	0	57	0	63	120	222	1,357	334	38	0	1,951	0	259	2,469
Total	139	0	139	0	57	0	63	120	222	1,357	334	38	0	1,951	0	259	2,469
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	1	78	79	0	222	0	1	223	454	608	177	46	0	1,285	0	163	1,750
Total	1	78	79	0	222	0	1	223	454	608	177	46	0	1,285	0	163	1,750
Special Naphthas																	
Refinery	18	54	72	1	274	0	226	501	55	1,134	65	210	0	1,464	10	203	2,250
Bulk Terminal	1,110	26	1,136	88	200	37	53	378	0	0	0	9	0	9	0	58	1,581
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	134	0	0	0	0	134	0	0	134
Total	1,128	80	1,208	89	474	37	279	879	189	1,134	65	219	0	1,607	10	261	3,965

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31, 1981 (Thousands of Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	224	440	664	0	82	0	72	154	0	185	124	0	0	309	5	41	1,173
Neutral	1,001	359	1,360	0	635	0	437	1,072	0	1,806	870	106	0	2,782	86	495	5,795
Other	782	161	943	0	194	0	152	346	60	2,260	353	152	1	2,826	9	121	4,245
Bulk Terminals	1,025	238	1,263	15	481	24	85	605	3	39	288	76	4	410	1	812	3,091
Total	3,032	1,198	4,230	15	1,392	24	746	2,177	63	4,290	1,635	334	5	6,327	101	1,469	14,304
Wax, Microcrystalline																	
Refinery	0	32	32	0	0	0	15	15	23	23	11	0	0	57	0	0	104
Total	0	32	32	0	0	0	15	15	23	23	11	0	0	57	0	0	104
Wax, Crystalline--Fully Refined																	
Refinery	10	24	34	0	17	0	36	53	0	62	148	0	0	210	1	34	332
Total	10	24	34	0	17	0	36	53	0	62	148	0	0	210	1	34	332
Wax, Crystalline--Other																	
Refinery	2	53	55	0	2	0	7	9	0	157	0	0	0	157	0	13	234
Total	2	53	55	0	2	0	7	9	0	157	0	0	0	157	0	13	234
Petroleum Coke																	
Refinery	659	0	659	0	448	245	227	920	1	360	505	4	0	870	580	1,473	4,502
Total	659	0	659	0	448	245	227	920	1	360	505	4	0	870	580	1,473	4,502
Asphalt																	
Refinery	1,475	243	1,718	297	2,048	885	1,388	4,618	731	696	1,055	1,044	270	3,796	2,069	1,543	13,744
Bulk Terminal	2,380	387	2,767	201	921	824	187	2,133	0	0	154	36	0	190	0	753	5,843
Total	3,855	630	4,485	498	2,969	1,709	1,575	6,751	731	696	1,209	1,080	270	3,986	2,069	2,296	19,587
Road Oil																	
Refinery	0	0	0	0	13	0	5	18	0	0	0	2	0	2	2	4	26
Total	0	0	0	0	13	0	5	18	0	0	0	2	0	2	2	4	26
Miscellaneous Products																	
Refinery	269	50	319	1	342	14	38	395	65	594	467	49	0	1,175	0	317	2,206
Bulk Terminal	25	0	25	0	46	5	3	54	0	0	0	15	0	15	0	28	122
Pipeline	0	0	0	0	0	0	0	0	31	0	0	0	0	31	0	0	31
Natural Gas Processing Plant	0	0	0	0	4	0	(s)	4	72	306	1	34	(s)	414	2	0	421
Total	294	50	344	1	392	19	41	453	168	900	468	98	(s)	1,635	2	345	2,780
Total Stocks, All Oils	--	--	262,607	--	--	--	--	301,525	--	--	--	--	--	698,273	35,562	185,680	1,483,648

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[1] Crude oil data are not collected by refinery district.

[2] Includes 30,087 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

-- Not Applicable.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, January 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	53	0	0	879	447	0	0	0	0	0	3,753	6,589
Petroleum Products	8,425	919	2,456	5,650	2,534	105,005	19,349	0	1,354	1,192	0	690	704	263
Natural Gasoline and Isopentane	0	0	0	411	0	0	722	0	0	411	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	715	1,616	224	3,368	7,431	0	0	0	0	0	0	0
Unfinished Oils	40	254	0	0	0	124	0	0	0	0	0	0	0	87
Motor Gasoline Blending Components	0	0	0	0	0	0	822	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,987	441	1,202	2,332	1,503	49,985	6,812	0	843	451	0	521	352	0
Finished Leaded Motor Gasoline	3,611	89	521	1,626	888	25,426	3,425	0	508	308	0	369	157	0
Finished Unleaded Motor Gasoline	2,376	352	681	706	615	24,559	3,387	0	335	143	0	152	195	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	5	0	0	0	19	225	149	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	79	0	0	60	0	737	1	0	108	25	0	57	0	0
Kerosene-Type Jet Fuel	326	0	92	48	593	10,212	1,030	0	80	12	0	32	0	0
Kerosene	99	0	0	0	0	1,619	53	0	0	0	0	0	0	0
Distillate Fuel Oil	1,846	0	277	510	195	26,619	1,625	0	277	293	0	80	352	80
Distillate Fuel Oil Less No. 4	1,846	0	277	369	195	26,619	1,625	0	277	293	0	80	352	80
No. 4 Fuel Oil	0	0	0	141	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	41	120	652	0	9,340	120	0	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock	18	71	0	21	0	148	37	0	0	0	0	0	0	0
Special Naphthas	0	0	16	0	0	458	106	0	0	0	0	0	0	0
Lubricants	25	88	26	0	0	799	238	0	46	0	0	0	0	55
Wax	0	0	0	0	0	24	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	190	123	0	0	0	0	0	0	0
Miscellaneous Products	0	24	8	0	0	1,157	80	0	0	0	0	0	0	41
Total All Products	8,425	919	2,509	5,650	2,534	105,884	19,796	0	1,354	1,192	0	690	4,457	6,852

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, February 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	72	0	0	470	428	0	0	0	0	0	2,177	8,138
Petroleum Products	6,900	699	2,286	5,412	2,001	90,955	15,704	0	2,042	1,007	0	830	1,945	153
Natural Gasoline and Isopentane	0	0	0	359	0	0	628	0	0	359	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	683	1,314	179	2,242	5,374	0	0	0	0	0	0	0
Unfinished Oils	23	0	0	0	0	225	173	0	200	0	0	0	0	40
Motor Gasoline Blending Components	0	0	0	0	0	0	720	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,963	534	1,039	2,117	1,121	42,618	5,786	0	774	339	0	627	0	69
Finished Leaded Motor Gasoline	3,126	17	442	1,320	632	21,682	3,013	0	461	227	0	445	0	69
Finished Unleaded Motor Gasoline	1,837	517	597	797	489	20,936	2,773	0	313	112	0	182	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	8	196	29	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	81	0	0	0	0	669	0	0	136	0	0	108	0	0
Kerosene-Type Jet Fuel	226	0	98	16	496	8,366	1,017	0	66	6	0	46	0	0
Kerosene	141	0	0	0	0	1,678	5	0	0	0	0	0	0	0
Distillate Fuel Oil	1,442	15	340	669	197	26,051	1,206	0	558	303	0	49	391	44
Distillate Fuel Oil Less No. 4	1,442	0	340	500	197	25,375	1,206	0	558	303	0	49	391	44
No. 4 Fuel Oil	0	15	0	169	0	676	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	93	39	912	0	6,572	199	0	0	0	0	0	1,455	0
Naphtha and Other Oils for Petro. Feedstock	9	0	8	25	0	153	34	0	0	0	0	0	0	0
Special Naphthas	0	0	26	0	0	350	92	0	0	0	0	0	0	0
Lubricants	15	48	53	0	0	685	276	0	249	0	0	0	52	0
Wax	0	0	0	0	0	12	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	303	159	0	37	0	0	0	0	0
Miscellaneous Products	0	9	0	0	0	835	6	0	22	0	0	0	47	0
Total All Products	6,900	699	2,358	5,412	2,001	91,425	16,132	0	2,042	1,007	0	830	4,122	8,291

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, March 1981
(Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	10	0	0	714	1,386	0	0	0	0	0	2,740	8,525
Petroleum Products	8,157	598	2,095	6,181	2,625	90,546	15,807	0	1,464	1,061	0	786	1,129	251
Natural Gasoline and Isopentane	0	0	0	419	0	0	913	0	0	419	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	438	1,775	176	1,549	4,816	0	0	0	0	0	0	0
Unfinished Oils	33	3	0	0	0	135	157	0	199	0	0	0	0	83
Motor Gasoline Blending Components	0	0	0	0	0	0	730	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,687	296	1,140	2,230	1,631	48,926	6,033	0	651	355	0	642	213	75
Finished Leaded Motor Gasoline	3,462	44	516	1,594	964	24,074	3,413	0	368	298	0	464	115	0
Finished Unleaded Motor Gasoline	2,225	252	624	636	662	24,852	2,615	0	283	57	0	178	98	75
Gasohol	0	0	0	0	5	0	5	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	0	25	322	112	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	139	0	16	39	0	689	1	0	112	30	0	42	0	0
Kerosene-Type Jet Fuel	244	0	0	56	533	7,973	1,096	0	54	8	0	29	0	0
Kerosene	101	0	0	0	0	1,293	11	0	0	0	0	0	0	0
Distillate Fuel Oil	1,927	16	406	463	260	21,942	1,057	0	255	249	0	73	0	64
Distillate Fuel Oil Less No. 4	1,927	16	406	463	260	21,663	1,057	0	255	249	0	73	0	64
No. 4 Fuel Oil	0	0	0	0	0	279	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	15	14	1,151	0	5,164	66	0	0	0	0	0	888	0
Naphtha and Other Oils for Petro. Feedstock	17	64	28	48	0	181	102	0	0	0	0	0	0	0
Special Naphthas	0	0	0	0	0	425	169	0	0	0	0	0	0	0
Lubricants	0	166	53	0	0	971	228	0	190	0	0	0	0	29
Wax	0	17	0	0	0	32	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	330	253	0	0	0	0	0	0	0
Miscellaneous Products	0	21	0	0	0	614	63	0	3	0	0	0	28	0
Total All Products	8,157	598	2,105	6,181	2,625	91,260	17,193	0	1,464	1,061	0	786	3,869	8,776

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, April 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	129	141	0	0	0	766	1,163	0	0	0	0	0	1,968	7,708
Petroleum Products	8,049	376	2,627	6,305	2,589	78,386	18,599	0	1,828	1,144	0	700	240	143
Natural Gasoline and Isopentane	0	0	0	429	0	0	682	0	0	429	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	46	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	717	2,600	80	807	4,699	0	0	0	0	0	0	0
Unfinished Oils	46	0	0	0	0	250	81	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	774	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,807	127	1,180	1,511	1,533	46,663	7,286	0	985	370	0	536	0	0
Finished Leaded Motor Gasoline	3,550	99	530	861	859	22,290	3,136	0	477	212	0	358	0	0
Finished Unleaded Motor Gasoline	2,257	28	650	650	666	24,373	4,142	0	508	158	0	178	0	0
Gasohol	0	0	0	0	8	0	8	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	0	11	383	210	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	139	0	0	59	0	533	15	0	76	30	0	38	0	0
Kerosene-Type Jet Fuel	107	0	0	24	551	7,153	2,071	0	81	12	0	46	0	0
Kerosene	87	0	0	0	0	498	1	0	0	0	0	0	0	0
Distillate Fuel Oil	1,818	12	330	511	414	15,747	1,716	0	326	303	0	80	0	0
Distillate Fuel Oil Less No. 4	1,818	12	330	511	414	14,848	1,522	0	326	303	0	80	0	0
No. 4 Fuel Oil	0	0	0	0	0	899	194	0	0	0	0	0	0	0
Residual Fuel Oil	0	36	291	1,171	0	4,348	108	0	154	0	0	0	240	37
Naphtha and Other Oils for Petro. Feedstock	19	108	8	0	0	92	90	0	0	0	0	0	0	0
Special Naphthas	0	0	0	0	0	130	353	0	0	0	0	0	0	0
Lubricants	17	59	35	0	0	986	332	0	180	0	0	0	0	77
Wax	0	0	0	0	0	11	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	66	0	0	338	64	0	0	0	0	0	0	0
Miscellaneous Products	0	34	0	0	0	447	71	0	26	0	0	0	0	29
Total All Products	8,178	517	2,627	6,305	2,589	79,152	19,762	0	1,828	1,144	0	700	2,208	7,851

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, May 1981
(Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	40	0	110	0	0	327	680	0	0	0	0	0	3,078	10,819
Petroleum Products	8,185	413	2,232	5,889	2,343	85,106	20,318	0	1,880	1,272	0	859	174	89
Natural Gasoline and Isopentane	0	0	0	453	0	0	1,111	0	0	453	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	11	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	737	2,727	89	666	5,169	0	0	0	0	0	0	0
Unfinished Oils	31	0	0	0	0	781	405	0	207	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	605	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,798	223	1,006	1,371	1,419	49,734	7,684	0	806	435	0	719	0	0
Finished Leaded Motor Gasoline	3,449	83	410	889	862	24,479	4,460	0	461	315	0	467	0	0
Finished Unleaded Motor Gasoline	2,349	140	596	482	557	25,255	3,224	0	345	120	0	252	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	0	24	314	116	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	176	0	0	59	0	1,056	1	0	222	34	0	25	0	0
Kerosene-Type Jet Fuel	166	0	0	42	392	8,647	1,531	0	171	6	0	32	0	0
Kerosene	85	0	0	0	0	571	54	0	0	0	0	0	0	0
Distillate Fuel Oil	1,882	17	147	531	419	17,309	2,652	0	266	344	0	83	0	9
Distillate Fuel Oil Less No. 4	1,882	17	147	504	419	16,639	2,652	0	266	344	0	83	0	9
No. 4 Fuel Oil	0	0	0	27	0	670	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	191	664	0	3,518	13	0	0	0	0	0	174	0
Naphtha and Other Oils for Petro. Feedstock	29	63	27	42	0	748	36	0	0	0	0	0	0	0
Special Naphthas	0	0	9	0	0	328	210	0	0	0	0	0	0	0
Lubricants	9	104	34	0	0	750	417	0	199	0	0	0	0	46
Wax	0	0	0	0	0	13	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	27	0	0	317	218	0	0	0	0	0	0	0
Miscellaneous Products	0	6	54	0	0	354	85	0	9	0	0	0	0	34
Total All Products	8,225	413	2,342	5,889	2,343	85,433	20,998	0	1,880	1,272	0	859	3,252	10,908

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, June 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	139	0	0	640	810	0	0	0	0	0	2,676	8,848
Petroleum Products	7,455	581	2,479	5,057	2,494	80,149	20,605	0	2,742	1,270	0	1,048	165	63
Natural Gasoline and Isopentane	0	0	0	439	0	0	1,071	0	0	439	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	66	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	822	1,539	57	1,064	5,173	0	154	0	0	0	0	0
Unfinished Oils	22	0	0	212	0	371	75	0	584	0	0	0	0	45
Motor Gasoline Blending Components	0	0	0	0	0	0	571	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,324	83	962	1,881	1,554	46,738	7,108	0	1,390	471	0	808	0	0
Finished Leaded Motor Gasoline	2,956	58	400	1,222	937	22,090	3,957	0	818	324	0	550	0	0
Finished Unleaded Motor Gasoline	2,368	25	562	659	612	24,648	3,146	0	572	147	0	258	0	0
Gasohol	0	0	0	0	5	0	5	0	0	0	0	0	0	0
Finished Aviation Gasoline	11	0	0	0	29	328	208	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	85	0	0	59	0	623	0	0	166	25	0	70	0	0
Kerosene-Type Jet Fuel	94	0	82	79	555	8,794	1,609	0	55	6	0	56	0	0
Kerosene	40	0	0	0	0	366	42	0	0	0	0	0	0	0
Distillate Fuel Oil	1,851	0	63	540	299	13,920	3,663	0	257	329	0	114	0	0
Distillate Fuel Oil Less No. 4	1,851	0	63	442	299	13,918	3,663	0	257	329	0	114	0	0
No. 4 Fuel Oil	0	0	0	98	0	2	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	238	150	287	0	5,632	133	0	0	0	0	0	98	0
Naphtha and Other Oils for Petro. Feedstock	19	103	27	9	0	722	64	0	0	0	0	0	0	0
Special Naphthas	0	0	7	0	0	311	124	0	0	0	0	0	0	0
Lubricants	9	157	49	12	0	690	272	0	136	0	0	0	9	18
Wax	0	0	0	0	0	27	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	179	0	0	314	286	0	0	0	0	0	0	0
Miscellaneous Products	0	0	138	0	0	249	140	0	0	0	0	0	58	0
Total All Products	7,455	581	2,618	5,057	2,494	80,789	21,415	0	2,742	1,270	0	1,048	2,841	8,911

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, July 1981
(Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	238	123	0	0	517	1,243	0	0	0	0	0	875	7,635
Petroleum Products	8,189	1,000	2,585	5,285	2,683	81,662	20,011	0	1,970	1,291	0	1,232	0	226
Natural Gasoline and Isopentane	0	0	0	453	0	0	1,101	0	0	453	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	5	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	764	1,513	78	1,550	4,912	0	0	0	0	0	0	146
Unfinished Oils	12	0	0	151	0	682	230	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	743	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	6,020	493	1,046	1,874	1,654	45,670	6,868	0	900	483	0	927	0	0
Finished Leaded Motor Gasoline	3,380	0	462	1,064	1,048	21,311	3,757	0	399	336	0	638	0	0
Finished Unleaded Motor Gasoline	2,640	493	584	810	606	24,359	3,111	0	501	147	0	289	0	0
· Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	24	223	191	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	179	0	0	163	0	1,166	0	0	183	0	0	77	0	0
Kerosene-Type Jet Fuel	130	0	40	30	617	8,552	1,357	0	108	7	0	101	0	0
Kerosene	77	0	0	0	0	256	175	0	0	0	0	0	0	0
Distillate Fuel Oil	1,721	0	144	471	310	15,774	3,343	0	379	348	0	127	0	0
Distillate Fuel Oil Less No. 4	1,721	0	144	471	310	15,685	3,343	0	379	348	0	127	0	0
No. 4 Fuel Oil	0	0	0	0	0	89	0	0	0	0	0	0	0	0
Residual Fuel Oil	6	246	149	554	0	5,699	169	0	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock	27	160	10	65	0	338	115	0	0	0	0	0	0	0
Special Naphthas	0	0	8	0	0	335	134	0	0	0	0	0	0	0
Lubricants	17	94	44	11	0	642	219	0	341	0	0	0	0	41
Wax	0	0	0	0	0	9	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	98	0	0	362	407	0	0	0	0	0	0	0
Miscellaneous Products	0	7	282	0	0	404	42	0	59	0	0	0	0	39
Total All Products	8,189	1,238	2,708	5,285	2,683	82,179	21,254	0	1,970	1,291	0	1,232	875	7,861

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, August 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	124	15	0	0	1,202	0	0	0	0	0	2,681	9,792
Petroleum Products	7,762	755	2,611	5,526	2,413	81,828	22,387	0	2,111	1,292	0	1,051	25	144
Natural Gasoline and Isopentane	0	0	0	410	0	0	901	0	0	410	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	5	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	786	1,594	66	2,024	6,086	0	0	0	0	0	0	0
Unfinished Oils	494	0	0	77	0	93	316	0	571	0	0	0	25	57
Motor Gasoline Blending Components	0	0	0	0	0	0	839	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,250	396	1,093	2,054	1,513	49,871	7,438	0	723	524	0	718	0	0
Finished Leaded Motor Gasoline	3,043	0	419	1,328	956	23,263	4,659	0	444	345	0	504	0	0
Finished Unleaded Motor Gasoline	2,207	396	674	726	549	26,608	2,771	0	279	179	0	214	0	0
Gasohol	0	0	0	0	8	0	8	0	0	0	0	0	0	0
Finished Aviation Gasoline	20	0	0	0	20	248	238	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	101	0	0	58	0	1,134	0	0	149	22	0	91	0	0
Kerosene-Type Jet Fuel	76	0	3	16	468	8,006	1,080	0	44	8	0	82	0	0
Kerosene	35	0	0	0	0	535	42	0	0	0	0	0	0	0
Distillate Fuel Oil	1,714	0	203	465	346	14,592	4,113	0	370	328	0	160	0	0
Distillate Fuel Oil Less No. 4	1,714	0	161	465	346	13,831	4,113	0	370	328	0	160	0	0
No. 4 Fuel Oil	0	0	42	0	0	761	0	0	0	0	0	0	0	0
Residual Fuel Oil	21	0	91	800	0	3,870	300	0	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock	24	279	8	52	0	110	128	0	40	0	0	0	0	0
Special Naphthas	0	0	9	0	0	281	290	0	0	0	0	0	0	0
Lubricants	27	72	38	0	0	677	168	0	203	0	0	0	0	48
Wax	0	0	0	0	0	9	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	154	0	0	265	336	0	0	0	0	0	0	0
Miscellaneous Products	0	8	226	0	0	113	107	0	11	0	0	0	0	39
Total All Products	7,762	755	2,735	5,541	2,413	81,828	23,589	0	2,111	1,292	0	1,051	2,706	9,936

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 1981
(Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	75	0	88	0	0	331	1,283	0	0	0	0	0	1,400	11,889
Petroleum Products	8,003	606	2,610	5,179	2,448	86,911	22,595	0	2,331	1,107	0	697	300	114
Natural Gasoline and Isopentane	0	0	0	375	0	0	1,085	0	0	375	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	17	596	1,473	122	1,840	5,281	0	0	0	0	0	0	0
Unfinished Oils	15	0	19	93	0	44	184	0	677	0	0	0	0	99
Motor Gasoline Blending Components	0	0	0	0	0	0	709	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,837	138	1,254	1,942	1,493	48,128	8,776	0	657	449	0	481	0	0
Finished Leaded Motor Gasoline	3,239	0	575	1,271	910	22,051	4,581	0	405	289	0	352	0	0
Finished Unleaded Motor Gasoline	2,598	138	679	671	575	26,077	4,187	0	252	160	0	129	0	0
Gasohol	0	0	0	0	8	0	8	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	10	0	31	325	161	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	111	0	0	58	0	1,262	0	0	200	5	0	64	0	0
Kerosene-Type Jet Fuel	112	0	45	50	488	7,597	1,370	0	255	40	0	122	0	0
Kerosene	72	0	0	0	0	475	19	0	0	0	0	0	0	0
Distillate Fuel Oil	1,778	102	292	495	314	18,574	3,899	0	331	238	0	30	0	0
Distillate Fuel Oil Less No. 4	1,778	102	272	495	314	18,180	3,899	0	331	238	0	30	0	0
No. 4 Fuel Oil	0	0	20	0	0	394	0	0	0	0	0	0	0	0
Residual Fuel Oil	23	95	111	632	0	6,416	262	0	60	0	0	0	300	0
Naphtha and Other Oils for Petro. Feedstock	37	151	25	51	0	165	86	0	0	0	0	0	0	0
Special Naphthas	0	0	7	0	0	291	147	0	0	0	0	0	0	0
Lubricants	9	93	64	10	0	692	282	0	151	0	0	0	0	15
Wax	0	0	0	0	0	18	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	43	0	0	249	270	0	0	0	0	0	0	0
Miscellaneous Products	0	10	144	0	0	835	63	0	0	0	0	0	0	0
Total All Products	8,078	606	2,698	5,179	2,448	87,242	23,878	0	2,331	1,107	0	697	1,700	12,003

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	166	0	0	0	214	1,161	0	0	0	0	0	3,368	9,841
Petroleum Products	8,515	431	3,514	5,800	2,650	85,056	23,601	0	1,985	919	0	791	0	70
Natural Gasoline and Isopentane	0	0	0	318	0	0	899	0	0	318	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	21	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	8	912	1,713	166	1,959	5,044	0	0	0	0	0	0	0
Unfinished Oils	21	167	0	29	0	129	495	0	143	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	836	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	6,177	0	1,581	1,863	1,668	49,477	9,692	0	851	361	0	664	0	0
Finished Leaded Motor Gasoline	3,754	0	738	1,149	951	24,843	5,085	0	474	267	0	467	0	0
Finished Unleaded Motor Gasoline	2,423	0	843	714	717	24,634	4,607	0	377	94	0	197	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	4	0	10	0	31	212	183	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	40	0	0	70	0	492	0	0	210	12	0	0	0	0
Kerosene-Type Jet Fuel	173	0	50	0	503	7,319	1,628	0	82	4	0	66	0	0
Kerosene	122	0	14	0	0	992	28	0	0	0	0	0	0	0
Distillate Fuel Oil	1,932	0	442	579	282	19,286	3,371	0	341	224	0	61	0	0
Distillate Fuel Oil Less No. 4	1,932	0	442	579	282	19,265	3,371	0	341	224	0	61	0	0
No. 4 Fuel Oil	0	0	0	0	0	21	0	0	0	0	0	0	0	0
Residual Fuel Oil	19	0	85	1,216	0	3,436	202	0	76	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock	9	122	0	12	0	273	45	0	75	0	0	0	0	0
Special Naphthas	0	0	21	0	0	275	149	0	0	0	0	0	0	0
Lubricants	18	125	28	0	0	545	313	0	200	0	0	0	0	30
Wax	0	0	0	0	0	7	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	250	0	0	267	594	0	0	0	0	0	0	0
Miscellaneous Products	0	9	121	0	0	387	101	0	7	0	0	0	0	40
Total All Products	8,515	597	3,514	5,800	2,650	85,270	24,762	0	1,985	919	0	791	3,368	9,911

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 1981
(Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	102	0	0	408	1,156	0	0	0	0	0	2,109	10,406
Petroleum Products	7,510	1,288	2,885	6,086	2,517	83,258	21,980	0	1,920	999	0	1,041	181	242
Natural Gasoline and Isopentane	0	0	0	350	0	0	888	0	0	350	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	26	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	15	717	1,622	175	1,726	7,216	0	0	0	0	0	0	0
Unfinished Oils	18	119	10	0	0	281	398	0	375	0	0	0	0	185
Motor Gasoline Blending Components	0	0	0	0	0	0	928	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,187	138	1,407	1,847	1,399	43,409	7,468	0	836	396	0	787	0	0
Finished Leaded Motor Gasoline	2,995	41	585	1,197	855	20,714	4,202	0	473	293	0	571	0	0
Finished Unleaded Motor Gasoline	2,192	97	822	650	536	22,695	3,258	0	363	103	0	216	0	0
Gasohol	0	0	0	0	8	0	8	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	21	213	129	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	94	0	0	64	0	942	1	0	97	15	0	60	0	0
Kerosene-Type Jet Fuel	71	60	50	55	654	7,537	1,649	0	94	13	0	51	0	0
Kerosene	117	0	20	0	0	1,025	240	0	0	0	0	0	0	0
Distillate Fuel Oil	1,963	328	330	747	268	22,115	1,954	0	340	225	0	143	180	0
Distillate Fuel Oil Less No. 4	1,963	328	330	747	268	21,826	1,954	0	340	225	0	143	180	0
No. 4 Fuel Oil	0	0	0	0	0	289	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	44	154	1,390	0	3,512	102	0	71	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock	42	225	27	11	0	241	76	0	75	0	0	0	0	0
Special Naphthas	0	0	8	0	0	310	225	0	0	0	0	0	0	0
Lubricants	18	349	33	0	0	922	294	0	32	0	0	0	0	12
Wax	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	129	0	0	312	202	0	0	0	0	0	0	0
Miscellaneous Products	0	10	0	0	0	710	184	0	0	0	0	0	1	45
Total All Products	7,510	1,288	2,987	6,086	2,517	83,666	23,136	0	1,920	999	0	1,041	2,290	10,648

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 1981 (Thousands of Barrels)

Commodity	From I to		From II to			From III to				From IV to			From V to	
	II	III	I	III	IV	I	II	IV	V	II	III	V	I	III
Crude Oil	0	0	88	0	0	213	1,313	0	0	0	0	0	1,493	13,725
Petroleum Products	8,287	384	2,812	6,546	2,661	94,755	23,415	0	2,039	1,077	0	1,013	23	283
Natural Gasoline and Isopentane	0	0	0	324	0	0	968	0	0	324	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	26	0	0	0	0	0	0	0
Liquefied Petroleum Gases	4	24	849	1,827	191	2,974	7,395	0	0	0	0	0	0	0
Unfinished Oils	16	0	0	0	0	534	201	0	181	0	0	0	0	177
Motor Gasoline Blending Components	0	0	0	0	0	0	939	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	6,049	51	1,291	2,023	1,607	50,015	9,577	0	787	423	0	740	0	0
Finished Leaded Motor Gasoline	3,492	39	542	1,201	954	23,984	4,996	0	473	298	0	488	0	0
Finished Unleaded Motor Gasoline	2,557	12	749	822	649	26,031	4,577	0	314	125	0	252	0	0
Gasohol	0	0	0	0	4	0	4	0	0	0	0	0	0	0
Finished Aviation Gasoline	12	0	0	0	10	180	92	0	25	0	0	0	0	0
Naphtha-Type Jet Fuel	133	0	0	71	0	563	12	0	170	34	0	61	0	0
Kerosene-Type Jet Fuel	149	0	96	46	630	8,920	1,549	0	85	3	0	50	0	0
Kerosene	114	0	16	0	0	1,532	315	0	0	0	0	0	0	0
Distillate Fuel Oil	1,779	210	285	681	223	22,050	1,282	0	480	293	0	162	0	0
Distillate Fuel Oil Less No. 4	1,779	210	285	681	223	21,793	1,282	0	480	293	0	162	0	0
No. 4 Fuel Oil	0	0	0	0	0	257	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	10	193	1,554	0	5,568	35	0	0	0	0	0	22	0
Naphtha and Other Oils for Petro. Feedstock	9	50	7	10	0	245	318	0	0	0	0	0	0	0
Special Naphthas	0	0	8	0	0	148	110	0	0	0	0	0	0	0
Lubricants	22	39	56	10	0	762	323	0	307	0	0	0	0	61
Wax	0	0	0	0	0	10	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	11	0	0	340	155	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	914	118	0	4	0	0	0	1	45
Total All Products	8,287	384	2,900	6,546	2,661	94,968	24,728	0	2,039	1,077	0	1,013	1,516	14,008

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, January 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	411	0	0	722	0	0	411	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	715	1,616	224	3,162	7,422	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	822	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,263	1,202	2,029	1,503	38,883	6,012	0	769	451	0	521
Finished Leaded Motor Gasoline	2,480	521	1,348	888	19,817	2,976	0	452	308	0	369
Finished Unleaded Motor Gasoline	1,783	681	681	615	19,066	3,036	0	317	143	0	152
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	5	0	0	19	23	109	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	60	0	123	1	0	108	25	0	57
Kerosene-Type Jet Fuel	179	0	48	593	6,293	902	0	68	12	0	32
Kerosene	30	0	0	0	1,223	8	0	0	0	0	0
Distillate Fuel Oil	1,383	277	355	195	22,064	1,353	0	258	293	0	80
Distillate Fuel Oil Less No. 4	1,383	277	355	195	22,064	1,353	0	258	293	0	80
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0	0	0
Total	5,860	2,194	4,519	2,534	71,771	17,351	0	1,203	1,192	0	690

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, February 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	359	0	0	628	0	0	359	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	683	1,314	179	2,037	5,374	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	720	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	3,875	1,022	1,661	1,121	32,443	4,946	0	731	339	0	627
Finished Leaded Motor Gasoline	2,243	442	948	632	16,710	2,487	0	428	227	0	445
Finished Unleaded Motor Gasoline	1,632	580	713	489	15,733	2,459	0	303	112	0	182
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	8	0	8	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	100	0	0	136	0	0	108
Kerosene-Type Jet Fuel	177	0	16	496	5,766	780	0	52	6	0	46
Kerosene	71	0	0	0	1,049	5	0	0	0	0	0
Distillate Fuel Oil	1,109	312	500	197	21,295	804	0	290	303	0	49
Distillate Fuel Oil Less No. 4	1,109	312	500	197	21,295	804	0	290	303	0	49
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0	0	0
Total	5,232	2,017	3,850	2,001	62,690	13,265	0	1,209	1,007	0	830

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, March 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	419	0	0	913	0	0	419	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	438	1,775	176	1,304	4,816	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	730	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,345	1,140	2,023	1,631	36,353	5,325	0	651	355	0	642
Finished Leaded Motor Gasoline	2,620	516	1,457	964	18,171	2,991	0	368	298	0	464
Finished Unleaded Motor Gasoline	1,725	624	566	662	18,182	2,329	0	283	57	0	178
Gasohol	0	0	0	5	0	5	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	25	25	76	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	39	0	108	1	0	112	30	0	42
Kerosene-Type Jet Fuel	164	0	56	533	5,216	770	0	54	8	0	29
Kerosene	12	0	0	0	1,064	11	0	0	0	0	0
Distillate Fuel Oil	1,457	406	372	260	18,297	601	0	255	249	0	73
Distillate Fuel Oil Less No 4	1,457	406	372	260	18,297	601	0	255	249	0	73
No 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0	0	0
Total	5,987	1,984	4,684	2,625	62,367	13,243	0	1,072	1,061	0	786

Note: Total may not equal sum of components due to independent rounding

Source See Explanatory Notes on Data Collection and Estimation

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, April 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	429	0	0	682	0	0	429	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	46	0	0	0	0	0
Liquefied Petroleum Gases	0	717	2,600	80	774	4,699	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	774	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,403	1,180	1,454	1,533	36,693	5,458	0	555	370	0	536
Finished Leaded Motor Gasoline	2,675	530	817	859	18,207	2,427	0	381	212	0	358
Finished Unleaded Motor Gasoline	1,728	650	637	666	18,486	3,023	0	174	158	0	178
Gasohol	0	0	0	8	0	8	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	11	24	53	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	59	0	114	0	0	76	30	0	38
Kerosene-Type Jet Fuel	86	0	24	551	4,246	1,688	0	81	12	0	46
Kerosene	14	0	0	0	455	1	0	0	0	0	0
Distillate Fuel Oil	1,441	330	464	414	12,406	1,277	0	326	303	0	80
Distillate Fuel Oil Less No. 4	1,441	330	464	414	12,406	1,277	0	326	303	0	80
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0	0	0
Total	5,953	2,227	5,030	2,589	54,712	14,678	0	1,038	1,144	0	700

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, May 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	453	0	0	1,111	0	0	453	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	11	0	0	0	0	0
Liquefied Petroleum Gases	0	737	2,717	89	647	5,169	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	605	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,517	983	1,323	1,419	39,223	6,156	0	480	435	0	719
Finished Leaded Motor Gasoline	2,690	410	841	862	19,203	3,668	0	268	315	0	467
Finished Unleaded Motor Gasoline	1,827	573	482	557	20,020	2,488	0	212	120	0	252
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	24	37	75	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	59	0	120	1	0	121	34	0	25
Kerosene-Type Jet Fuel	114	0	42	392	5,533	1,374	0	73	6	0	32
Kerosene	0	0	0	0	468	54	0	0	0	0	0
Distillate Fuel Oil	1,303	147	407	419	12,974	2,233	0	266	344	0	83
Distillate Fuel Oil Less No. 4	1,303	147	407	419	12,974	2,233	0	266	344	0	83
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	54	0	0	0	0	0	0	0	0	0
Total	5,943	1,921	5,001	2,343	59,002	16,789	0	940	1,272	0	859

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, June 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	439	0	0	1,071	0	0	439	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	66	0	0	0	0	0
Liquefied Petroleum Gases	0	822	1,539	57	871	5,173	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	571	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,202	929	1,789	1,554	37,123	6,384	0	401	471	0	808
Finished Leaded Motor Gasoline	2,395	400	1,155	937	17,496	3,498	0	234	324	0	550
Finished Unleaded Motor Gasoline	1,807	529	634	612	19,627	2,881	0	167	147	0	258
Gasohol	0	0	0	5	0	5	0	0	0	0	0
Finished Aviation Gasoline	11	0	0	29	37	80	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	59	0	204	0	0	62	25	0	70
Kerosene-Type Jet Fuel	87	0	79	555	5,742	1,455	0	55	6	0	56
Kerosene	0	0	0	0	185	42	0	0	0	0	0
Distillate Fuel Oil	1,310	55	424	299	10,797	3,364	0	257	329	0	114
Distillate Fuel Oil Less No. 4	1,310	55	424	299	10,797	3,364	0	257	329	0	114
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	138	0	0	0	0	0	0	0	0	0
Total	5,610	1,944	4,329	2,494	54,959	18,206	0	775	1,270	0	1,048

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, July 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	453	0	0	1,101	0	0	453	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	5	0	0	0	0	0
Liquefied Petroleum Gases	0	764	1,513	78	1,329	4,912	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	743	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,823	1,046	1,821	1,654	36,669	6,009	0	678	483	0	927
Finished Leaded Motor Gasoline	2,744	462	1,021	1,048	17,056	3,145	0	399	336	0	638
Finished Unleaded Motor Gasoline	2,079	584	800	606	19,613	2,864	0	279	147	0	289
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	24	19	93	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	163	0	343	0	0	82	0	0	77
Kerosene-Type Jet Fuel	130	0	30	617	6,057	1,216	0	108	7	0	101
Kerosene	0	0	0	0	139	166	0	0	0	0	0
Distillate Fuel Oil	1,403	144	471	310	12,639	2,942	0	379	348	0	127
Distillate Fuel Oil Less No. 4	1,403	144	471	310	12,639	2,942	0	379	348	0	127
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	282	0	0	0	0	0	0	0	0	0
Total	6,356	2,236	4,451	2,683	57,195	17,187	0	1,247	1,291	0	1,232

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, August 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	410	0	0	901	0	0	410	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	5	0	0	0	0	0
Liquefied Petroleum Gases	0	786	1,594	66	1,924	6,086	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	839	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,747	1,065	1,959	1,513	40,188	6,813	0	723	524	0	718
Finished Leaded Motor Gasoline	2,718	419	1,269	956	18,872	4,350	0	444	345	0	504
Finished Unleaded Motor Gasoline	2,029	646	690	549	21,316	2,455	0	279	179	0	214
Gasohol	0	0	0	8	0	8	0	0	0	0	0
Finished Aviation Gasoline	10	0	0	20	33	119	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	58	0	292	0	0	149	22	0	91
Kerosene-Type Jet Fuel	68	0	16	468	5,110	894	0	44	8	0	82
Kerosene	1	0	0	0	269	42	0	0	0	0	0
Distillate Fuel Oil	1,197	128	454	346	11,828	3,772	0	370	328	0	160
Distillate Fuel Oil Less No. 4	1,197	128	454	346	11,828	3,772	0	370	328	0	160
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	226	0	0	0	0	0	0	0	0	0
Total	6,023	2,205	4,491	2,413	59,644	19,471	0	1,286	1,292	0	1,051

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, September 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	375	0	0	1,085	0	0	375	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	1	0	0	0	0	0
Liquefied Petroleum Gases	0	596	1,473	122	1,710	5,281	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	709	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,622	1,025	1,779	1,493	38,737	7,683	0	657	449	0	481
Finished Leaded Motor Gasoline	2,529	492	1,164	910	17,805	4,051	0	405	289	0	352
Finished Unleaded Motor Gasoline	2,093	533	615	575	20,932	3,624	0	252	160	0	129
Gasohol	0	0	0	8	0	8	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	31	57	150	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	58	0	370	0	0	200	5	0	64
Kerosene-Type Jet Fuel	104	0	50	488	5,456	1,185	0	58	40	0	122
Kerosene	13	0	0	0	297	1	0	0	0	0	0
Distillate Fuel Oil	1,396	171	495	314	14,354	3,528	0	331	238	0	30
Distillate Fuel Oil Less No. 4	1,396	171	495	314	14,354	3,528	0	331	238	0	30
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	144	0	0	0	0	0	0	0	0	0
Total	6,144	1,936	4,230	2,448	60,981	19,623	0	1,246	1,107	0	697

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, October 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	318	0	0	899	0	0	318	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	21	0	0	0	0	0
Liquefied Petroleum Gases	0	912	1,713	166	1,684	5,044	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	836	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,933	1,158	1,795	1,668	39,880	8,657	0	811	361	0	664
Finished Leaded Motor Gasoline	2,990	566	1,101	951	20,134	4,587	0	474	267	0	467
Finished Unleaded Motor Gasoline	1,943	592	694	717	19,746	4,070	0	337	94	0	197
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	4	0	0	31	37	167	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	70	0	288	0	0	133	12	0	0
Kerosene-Type Jet Fuel	140	25	0	503	4,827	1,366	0	82	4	0	66
Kerosene	42	0	0	0	729	28	0	0	0	0	0
Distillate Fuel Oil	1,512	223	568	282	15,566	2,885	0	341	224	0	61
Distillate Fuel Oil Less No. 4	1,512	223	568	282	15,566	2,885	0	341	224	0	61
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	121	0	0	0	0	0	0	0	0	0
Total	6,631	2,439	4,464	2,650	63,011	19,903	0	1,367	919	0	791

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, November 1981
(Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	350	0	0	888	0	0	350	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	26	0	0	0	0	0
Liquefied Petroleum Gases	0	717	1,622	175	1,509	7,216	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	928	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	3,887	1,160	1,811	1,399	34,227	6,585	0	836	396	0	787
Finished Leaded Motor Gasoline	2,212	490	1,172	855	16,314	3,601	0	473	293	0	571
Finished Unleaded Motor Gasoline	1,675	670	639	536	17,913	2,976	0	363	103	0	216
Gasohol	0	0	0	8	0	8	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	21	17	86	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	64	0	325	1	0	97	15	0	60
Kerosene-Type Jet Fuel	71	50	55	654	4,945	1,404	0	94	13	0	51
Kerosene	48	13	0	0	797	240	0	0	0	0	0
Distillate Fuel Oil	1,549	249	704	268	18,803	1,401	0	340	225	0	143
Distillate Fuel Oil Less No. 4	1,549	249	704	268	18,803	1,401	0	340	225	0	143
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	41	0	0	0	0	0
Total	5,555	2,189	4,606	2,517	60,623	18,816	0	1,367	999	0	1,041

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, December 1981 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	324	0	0	968	0	0	324	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	26	0	0	0	0	0
Liquefied Petroleum Gases	0	845	1,820	191	2,532	7,349	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	939	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,866	1,141	1,984	1,607	39,852	8,569	0	787	423	0	740
Finished Leaded Motor Gasoline	2,825	485	1,177	954	19,370	4,418	0	473	298	0	488
Finished Unleaded Motor Gasoline	2,041	656	807	649	20,482	4,147	0	314	125	0	252
Gasohol	0	0	0	4	0	4	0	0	0	0	0
Finished Aviation Gasoline	12	0	0	10	12	79	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	71	0	236	1	0	170	34	0	61
Kerosene-Type Jet Fuel	140	96	46	630	5,812	1,264	0	85	3	0	50
Kerosene	28	0	0	0	1,043	265	0	0	0	0	0
Distillate Fuel Oil	1,350	238	671	223	18,319	878	0	301	293	0	162
Distillate Fuel Oil Less No. 4	1,350	238	671	223	18,319	878	0	301	293	0	162
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0	0	0
Total	6,396	2,320	4,916	2,661	67,806	20,338	0	1,343	1,077	0	1,013

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	53	0	879	0	879	0	447	0	3,753	6,589
Petroleum Products	2,565	919	262	1,131	33,234	3,867	6,850	22,517	1,998	151	704	263
Liquefied Petroleum Gases	0	0	0	0	206	0	0	206	9	0	0	0
Unfinished Oils	40	254	0	0	124	0	0	124	0	0	0	87
Finished Motor Gasoline	1,724	441	0	303	11,102	878	672	9,552	800	74	352	0
Finshed Aviation Gasoline	0	0	0	0	202	0	55	147	40	0	0	0
Naphtha-Type Jet Fuel	79	0	0	0	614	16	0	598	0	0	0	0
Kerosene-Type Jet Fuel	147	0	92	0	3,919	413	537	2,969	128	12	0	0
Kerosene	69	0	0	0	396	109	126	161	45	0	0	0
Distillate Fuel Oil	463	0	0	155	4,555	1,348	362	2,845	272	19	352	80
Residual Fuel Oil	0	41	120	652	9,340	1,074	2,994	5,272	120	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	18	71	0	21	148	0	127	21	37	0	0	0
Special Naphthas	0	0	16	0	458	21	351	86	106	0	0	0
Lubricants	25	88	26	0	799	4	671	124	238	46	0	55
Wax	0	0	0	0	24	0	24	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	190	0	0	190	123	0	0	0
Miscellaneous Products	0	24	8	0	1,157	4	931	222	80	0	0	41
Total	2,565	919	315	1,131	34,113	3,867	7,729	22,517	2,445	151	4,457	6,852

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	72	0	470	0	470	0	428	0	2,177	8,138
Petroleum Products	1,668	699	269	1,562	28,265	3,615	5,922	18,728	2,439	833	1,945	153
Liquefied Petroleum Gases	0	0	0	0	205	0	47	158	0	0	0	0
Unfinished Oils	23	0	0	0	225	0	110	115	173	200	0	40
Finished Motor Gasoline	1,088	534	17	456	10,175	875	539	8,761	840	43	0	69
Finshed Aviation Gasoline	0	0	0	0	196	40	20	136	21	0	0	0
Naphtha-Type Jet Fuel	81	0	0	0	569	0	0	569	0	0	0	0
Kerosene-Type Jet Fuel	49	0	98	0	2,600	223	120	2,257	237	14	0	0
Kerosene	70	0	0	0	629	302	158	169	0	0	0	0
Distillate Fuel Oil	333	15	28	169	4,756	1,291	884	2,581	402	268	391	44
Residual Fuel Oil	0	93	39	912	6,572	819	2,486	3,267	199	0	1,455	0
Naphtha and Other Oils for Petro Feed. Use	9	0	8	25	153	0	134	19	34	0	0	0
Special Naphthas	0	0	26	0	350	53	185	112	92	0	0	0
Lubricants	15	48	53	0	685	4	539	142	276	249	52	0
Wax	0	0	0	0	12	0	12	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	303	0	0	303	159	37	0	0
Miscellaneous Products	0	9	0	0	835	8	688	139	6	22	47	0
Total	1,668	699	341	1,562	28,735	3,615	6,392	18,728	2,867	833	4,122	8,291

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	10	0	714	0	538	176	1,386	0	2,740	8,525
Petroleum Products	2,170	598	111	1,497	28,179	3,310	4,149	20,720	2,564	392	1,129	251
Liquefied Petroleum Gases	0	0	0	0	245	0	160	85	0	0	0	0
Unfinished Oils	33	3	0	0	135	0	0	135	157	199	0	83
Finished Motor Gasoline	1,342	296	0	207	12,573	967	539	11,067	708	0	213	75
Finshed Aviation Gasoline	0	0	0	0	297	138	41	118	36	0	0	0
Naphtha-Type Jet Fuel	139	0	16	0	581	0	0	581	0	0	0	0
Kerosene-Type Jet Fuel	80	0	0	0	2,757	209	143	2,405	326	0	0	0
Kerosene	89	0	0	0	229	41	148	40	0	0	0	0
Distillate Fuel Oil	470	16	0	91	3,645	1,303	279	2,063	456	0	0	64
Residual Fuel Oil	0	15	14	1,151	5,164	530	1,324	3,310	66	0	888	0
Naphtha and Other Oils for Petro. Feed. Use	17	64	28	48	181	10	102	69	102	0	0	0
Special Naphthas	0	0	0	0	425	55	280	90	169	0	0	0
Lubricants	0	166	53	0	971	55	719	197	228	190	0	29
Wax	0	17	0	0	32	0	32	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	330	0	0	330	253	0	0	0
Miscellaneous Products	0	21	0	0	614	2	382	230	63	3	28	0
Total	2,170	598	121	1,497	28,893	3,310	4,687	20,896	3,950	392	3,869	8,776

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	129	141	0	0	766	0	649	117	1,163	0	1,968	7,708
Petroleum Products	2,096	376	400	1,275	23,674	2,482	3,205	17,987	3,921	790	240	143
Liquefied Petroleum Gases	0	0	0	0	33	0	0	33	0	0	0	0
Unfinished Oils	46	0	0	0	250	0	52	198	81	0	0	0
Finished Motor Gasoline	1,404	127	0	57	9,970	433	317	9,220	1,828	430	0	0
Finshed Aviation Gasoline	0	0	0	0	359	28	57	274	157	0	0	0
Naphtha-Type Jet Fuel	139	0	0	0	419	0	0	419	15	0	0	0
Kerosene-Type Jet Fuel	21	0	0	0	2,907	147	129	2,631	383	0	0	0
Kerosene	73	0	0	0	43	0	0	43	0	0	0	0
Distillate Fuel Oil	377	12	0	47	3,341	836	400	2,105	439	0	0	0
Residual Fuel Oil	0	36	291	1,171	4,348	999	1,330	2,019	108	154	240	37
Naphtha and Other Oils for Petro. Feed. Use	19	108	8	0	92	0	9	83	90	0	0	0
Special Naphthas	0	0	0	0	130	31	62	37	353	0	0	0
Lubricants	17	59	35	0	986	3	739	244	332	180	0	77
Wax	0	0	0	0	11	0	11	0	0	0	0	0
Asphalt and Road Oil	0	0	66	0	338	0	17	321	64	0	0	0
Miscellaneous Products	0	34	0	0	447	5	82	360	71	26	0	29
Total	2,225	517	400	1,275	24,440	2,482	3,854	18,104	5,084	790	2,208	7,851

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May
(Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	40	0	110	0	327	0	327	0	680	0	3,078	10,819
Petroleum Products	2,242	413	311	888	26,104	2,171	4,182	19,751	3,529	940	174	89
Liquefied Petroleum Gases	0	0	0	10	19	0	0	19	0	0	0	0
Unfinished Oils	31	0	0	0	781	0	618	163	405	207	0	0
Finished Motor Gasoline	1,281	223	23	48	10,511	542	328	9,641	1,528	326	0	0
Finshed Aviation Gasoline	0	0	0	0	277	36	66	175	41	0	0	0
Naphtha-Type Jet Fuel	176	0	0	0	936	20	0	916	0	101	0	0
Kerosene-Type Jet Fuel	52	0	0	0	3,114	416	225	2,473	157	98	0	0
Kerosene	85	0	0	0	103	0	103	0	0	0	0	0
Distillate Fuel Oil	579	17	0	124	4,335	963	526	2,846	419	0	0	9
Residual Fuel Oil	0	0	191	664	3,518	163	868	2,487	13	0	174	0
Naphtha and Other Oils for Petro. Feed. Use	29	63	27	42	748	0	450	298	36	0	0	0
Special Naphthas	0	0	9	0	328	25	192	111	210	0	0	0
Lubricants	9	104	34	0	750	3	625	122	417	199	0	46
Wax	0	0	0	0	13	0	13	0	0	0	0	0
Asphalt and Road Oil	0	0	27	0	317	0	0	317	218	0	0	0
Miscellaneous Products	0	6	0	0	354	3	168	183	85	9	0	34
Total	2,282	413	421	888	26,431	2,171	4,509	19,751	4,209	940	3,252	10,908

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 1981
(Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	139	0	640	0	640	0	810	0	2,676	8,848
Petroleum Products	1,845	581	535	728	25,190	2,414	3,867	18,909	2,399	1,967	165	63
Liquefied Petroleum Gases	0	0	0	0	193	0	133	60	0	154	0	0
Unfinished Oils	22	0	0	212	371	0	246	125	75	584	0	45
Finished Motor Gasoline	1,122	83	33	92	9,615	792	0	8,823	724	989	0	0
Finshed Aviation Gasoline	0	0	0	0	291	27	33	231	128	0	0	0
Naphtha-Type Jet Fuel	85	0	0	0	419	0	0	419	0	104	0	0
Kerosene-Type Jet Fuel	7	0	82	0	3,052	453	198	2,401	154	0	0	0
Kerosene	40	0	0	0	181	62	69	50	0	0	0	0
Distillate Fuel Oil	541	0	8	116	3,123	512	637	1,974	299	0	0	0
Residual Fuel Oil	0	238	150	287	5,632	530	1,264	3,838	133	0	98	0
Naphtha and Other Oils for Petro. Feed. Use	19	103	27	9	722	0	601	121	64	0	0	0
Special Naphthas	0	0	7	0	311	26	176	109	124	0	0	0
Lubricants	9	157	49	12	690	3	451	236	272	136	9	18
Wax	0	0	0	0	27	0	27	0	0	0	0	0
Asphalt and Road Oil	0	0	179	0	314	0	7	307	286	0	0	0
Miscellaneous Products	0	0	0	0	249	9	25	215	140	0	58	0
Total	1,845	581	674	728	25,830	2,414	4,507	18,909	3,209	1,967	2,841	8,911

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 1981
(Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	238	123	0	517	0	517	0	1,243	0	875	7,635
Petroleum Products	1,833	1,000	349	834	24,467	1,530	4,604	18,333	2,824	723	0	226
Liquefied Petroleum Gases	0	0	0	0	221	0	42	179	0	0	0	0
Unfinished Oils	12	0	0	151	682	0	553	129	230	0	0	146
Finished Motor Gasoline	1,197	493	0	53	9,001	407	0	8,594	859	222	0	0
Finshed Aviation Gasoline	0	0	0	0	204	20	51	133	98	0	0	0
Naphtha-Type Jet Fuel	179	0	0	0	823	178	0	645	0	101	0	0
Kerosene-Type Jet Fuel	0	0	40	0	2,495	337	3	2,155	141	0	0	0
Kerosene	77	0	0	0	117	0	117	0	9	0	0	0
Distillate Fuel Oil	318	0	0	0	3,135	550	533	2,052	401	0	0	0
Residual Fuel Oil	6	246	149	554	5,699	0	2,010	3,689	169	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	27	160	10	65	338	0	318	20	115	0	0	0
Special Naphthas	0	0	8	0	335	25	229	81	134	0	0	0
Lubricants	17	94	44	11	642	5	494	143	219	341	0	41
Wax	0	0	0	0	9	0	9	0	0	0	0	0
Asphalt and Road Oil	0	0	98	0	362	0	33	329	407	0	0	0
Miscellaneous Products	0	7	0	0	404	8	212	184	42	59	0	39
Total	1,833	1,238	472	834	24,984	1,530	5,121	18,333	4,067	723	875	7,861

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 1981
(Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	124	15	0	0	0	0	1,202	0	2,681	9,792
Petroleum Products	1,739	755	406	1,035	22,184	1,905	2,107	18,172	2,916	825	25	144
Liquefied Petroleum Gases	0	0	0	0	100	0	0	100	0	0	0	0
Unfinished Oils	494	0	0	77	93	0	0	93	316	571	25	57
Finished Motor Gasoline	503	396	28	95	9,683	548	76	9,059	625	0	0	0
Finshed Aviation Gasoline	10	0	0	0	215	37	25	153	119	0	0	0
Naphtha-Type Jet Fuel	101	0	0	0	842	41	0	801	0	0	0	0
Kerosene-Type Jet Fuel	8	0	3	0	2,896	240	181	2,475	186	0	0	0
Kerosene	34	0	0	0	266	67	143	56	0	0	0	0
Distillate Fuel Oil	517	0	75	11	2,764	526	483	1,755	341	0	0	0
Residual Fuel Oil	21	0	91	800	3,870	393	371	3,106	300	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	24	279	8	52	110	0	33	77	128	40	0	0
Special Naphthas	0	0	9	0	281	41	198	42	290	0	0	0
Lubricants	27	72	38	0	677	4	529	144	168	203	0	48
Wax	0	0	0	0	9	0	9	0	0	0	0	0
Asphalt and Road Oil	0	0	154	0	265	0	9	256	336	0	0	0
Miscellaneous Products	0	8	0	0	113	8	50	55	107	11	0	39
Total	1,739	755	530	1,050	22,184	1,905	2,107	18,172	4,118	825	2,706	9,936

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	75	0	88	0	331	0	331	0	1,283	0	1,400	11,889
Petroleum Products	1,859	606	674	949	25,930	2,205	4,901	18,824	2,972	1,085	300	114
Liquefied Petroleum Gases	0	17	0	0	130	0	0	130	0	0	0	0
Unfinished Oils	15	0	19	93	44	0	0	44	184	677	0	99
Finished Motor Gasoline	1,215	138	229	163	9,391	464	499	8,428	1,093	0	0	0
Finshed Aviation Gasoline	0	0	10	0	268	15	70	183	11	0	0	0
Naphtha-Type Jet Fuel	111	0	0	0	892	98	167	627	0	0	0	0
Kerosene-Type Jet Fuel	8	0	45	0	2,141	90	85	1,966	185	197	0	0
Kerosene	59	0	0	0	178	50	128	0	18	0	0	0
Distillate Fuel Oil	382	102	121	0	4,220	790	900	2,530	371	0	0	0
Residual Fuel Oil	23	95	111	632	6,416	679	1,685	4,052	262	60	300	0
Naphtha and Other Oils for Petro. Feed. Use	37	151	25	51	165	0	105	60	86	0	0	0
Special Naphthas	0	0	7	0	291	13	162	116	147	0	0	0
Lubricants	9	93	64	10	692	0	478	214	282	151	0	15
Wax	0	0	0	0	18	0	18	0	0	0	0	0
Asphalt and Road Oil	0	0	43	0	249	0	9	240	270	0	0	0
Miscellaneous Products	0	10	0	0	835	6	595	234	63	0	0	0
Total	1,934	606	762	949	26,261	2,205	5,232	18,824	4,255	1,085	1,700	12,003

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	166	0	0	214	0	214	0	1,161	0	3,368	9,841
Petroleum Products	1,884	431	1,075	1,336	22,045	1,616	3,358	17,071	3,698	541	0	70
Liquefied Petroleum Gases	0	8	0	0	275	0	0	275	0	0	0	0
Unfinished Oils	21	167	0	29	129	0	0	129	495	143	0	0
Finished Motor Gasoline	1,244	0	423	68	9,597	459	447	8,691	1,035	40	0	0
Finshed Aviation Gasoline	0	0	10	0	175	25	34	116	16	0	0	0
Naphtha-Type Jet Fuel	40	0	0	0	204	13	0	191	0	0	0	0
Kerosene-Type Jet Fuel	33	0	25	0	2,492	347	49	2,096	262	0	0	0
Kerosene	80	0	14	0	263	68	140	55	0	0	0	0
Distillate Fuel Oil	420	0	219	11	3,720	672	709	2,339	486	0	0	0
Residual Fuel Oil	19	0	85	1,216	3,436	0	979	2,457	202	76	0	0
Naphtha and Other Oils for Petro Feed Use	9	122	0	12	273	0	135	138	45	75	0	0
Special Naphthas	0	0	21	0	275	22	162	91	149	0	0	0
Lubricants	18	125	28	0	545	4	426	115	313	200	0	30
Wax	0	0	0	0	7	0	7	0	0	0	0	0
Asphalt and Road Oil	0	0	250	0	267	0	93	174	594	0	0	0
Miscellaneous Products	0	9	0	0	387	6	177	204	101	7	0	40
Total	1,884	597	1,075	1,336	22,259	1,616	3,572	17,071	4 859	541	3,368	9,911

Note Total may not equal sum of components due to independent rounding.
Source. See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	102	0	408	0	408	0	1,156	0	2,109	10,406
Petroleum Products	1,955	1,288	696	1,480	22,635	2,564	5,086	14,985	3,164	553	181	242
Liquefied Petroleum Gases	0	15	0	0	217	0	0	217	0	0	0	0
Unfinished Oils	18	119	10	0	281	0	249	32	398	375	0	185
Finished Motor Gasoline	1,300	138	247	36	9,182	1,030	675	7,477	883	0	0	0
Finshed Aviation Gasoline	0	0	0	0	196	21	34	141	43	0	0	0
Naphtha-Type Jet Fuel	94	0	0	0	617	0	49	568	0	0	0	0
Kerosene-Type Jet Fuel	0	60	0	0	2,592	342	187	2,063	245	0	0	0
Kerosene	69	0	7	0	228	1	163	64	0	0	0	0
Distillate Fuel Oil	414	328	81	43	3,312	488	1,111	1,713	553	0	180	0
Residual Fuel Oil	0	44	154	1,390	3,512	630	913	1,969	102	71	0	0
Naphtha and Other Oils for Petro. Feed. Use	42	225	27	11	241	0	64	177	76	75	0	0
Special Naphthas	0	0	8	0	310	17	183	110	225	0	0	0
Lubricants	18	349	33	0	922	35	779	108	294	32	0	12
Wax	0	0	0	0	3	0	3	0	0	0	0	0
Asphalt and Road Oil	0	0	129	0	312	0	17	295	202	0	0	0
Miscellaneous Products	0	10	0	0	710	0	659	51	143	0	1	45
Total	1,955	1,288	798	1,480	23,043	2,564	5,494	14,985	4,320	553	2,290	10,648

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 1981 (Thousands of Barrels)

Commodity	From I to		From II to		From III to						From V to	
	II	III	I	III	I	New Eng	Cent Atl	Low Atl	II	V	I	III
Crude Oil	0	0	88	0	213	0	213	0	1,313	0	1,493	13,725
Petroleum Products	1,891	384	492	1,630	26,949	2,456	5,638	18,855	3,077	696	23	283
Liquefied Petroleum Gases	4	24	4	7	442	0	0	442	46	0	0	0
Unfinished Oils	16	0	0	0	534	0	466	68	201	181	0	177
Finished Motor Gasoline	1,183	51	150	39	10,163	74	548	9,541	1,008	0	0	0
Finshed Aviation Gasoline	0	0	0	0	168	0	75	93	13	25	0	0
Naphtha-Type Jet Fuel	133	0	0	0	327	22	48	257	11	0	0	0
Kerosene-Type Jet Fuel	9	0	0	0	3,108	214	248	2,646	285	0	0	0
Kerosene	86	0	16	0	489	114	162	213	50	0	0	0
Distillate Fuel Oil	429	210	47	10	3,731	515	1,556	1,660	404	179	0	0
Residual Fuel Oil	0	10	193	1,554	5,568	1,513	897	3,158	35	0	22	0
Naphtha and Other Oils for Petro. Feed. Use	9	50	7	10	245	0	165	80	318	0	0	0
Special Naphthas	0	0	8	0	148	0	138	10	110	0	0	0
Lubricants	22	39	56	10	762	0	538	224	323	307	0	61
Wax	0	0	0	0	10	0	10	0	0	0	0	0
Asphalt and Road Oil	0	0	11	0	340	0	0	340	155	0	0	0
Miscellaneous Products	0	0	0	0	914	4	787	123	118	4	1	45
Total	1,891	384	580	1,630	27,162	2,456	5,851	18,855	4,390	696	1,516	14,008

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, January 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	4,685	0	4,685	447	53	394	6,589	1,326	5,263	0	0	0	0	10,342	-10,342
Petroleum Products	108,165	9,344	98,821	28,966	10,640	18,326	6,832	125,708	-118,876	2,534	1,882	652	2,044	967	1,077
Natural Gasoline	0	0	0	1,133	411	722	411	722	-311	0	411	-411	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	4,083	0	4,083	7,431	2,555	4,876	1,616	10,799	-9,183	224	0	224	0	0	0
Unfinished Oils	124	294	-170	40	0	40	341	124	217	0	0	0	0	87	-87
Motor Gasoline Blending Components	0	0	0	822	0	822	0	822	-822	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	51,539	6,428	45,111	13,250	5,037	8,213	2,773	57,640	-54,867	1,503	972	531	1,364	352	1,012
Finished Leaded Motor Gasoline	26,104	3,700	22,404	7,344	3,035	4,309	1,715	29,359	-27,644	888	677	211	877	157	720
Finished Unleaded Motor Gasoline	25,435	2,728	22,707	5,906	2,002	3,904	1,058	28,281	-27,223	615	295	320	487	195	292
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	225	5	220	154	19	135	0	374	-374	19	0	19	0	0	0
Naphtha-Type Jet Fuel	737	79	658	105	60	45	60	846	-786	0	82	-82	165	0	165
Kerosene-Type Jet Fuel	10,304	326	9,978	1,368	733	635	48	11,322	-11,274	593	44	549	112	0	112
Kerosene	1,619	99	1,520	152	0	152	0	1,672	-1,672	0	0	0	0	0	0
Distillate Fuel Oil	27,248	1,846	25,402	3,764	982	2,782	590	28,521	-27,931	195	373	-178	357	432	-75
Distillate Fuel Oil Less No. 4	27,248	1,846	25,402	3,764	841	2,923	449	28,521	-28,072	195	373	-178	357	432	-75
No. 4 Fuel Oil	0	0	0	0	141	-141	141	0	141	0	0	0	0	0	0
Residual Fuel Oil	9,460	41	9,419	120	772	-652	693	9,460	-8,767	0	0	0	0	0	0
Naphtha and Other Oils for Petro Feedstock Use	148	89	59	55	21	34	92	185	-93	0	0	0	0	0	0
Special Naphthas	474	0	474	106	16	90	0	564	-564	0	0	0	0	0	0
Lubricants	825	113	712	263	26	237	143	1,083	-940	0	0	0	46	55	-9
Wax	24	0	24	0	0	0	0	24	-24	0	0	0	0	0	0
Asphalt and Road Oil	190	0	190	123	0	123	0	313	-313	0	0	0	0	0	0
Miscellaneous Products	1,165	24	1,141	80	8	72	65	1,237	-1,172	0	0	0	0	41	-41
Total All Products	112,850	9,344	103,506	29,413	10,693	18,720	13,421	127,034	-113,613	2,534	1,882	652	2,044	11,309	-9,265

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, February 1981 (Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,719	0	2,719	428	72	356	8,138	898	7,240	0	0	0	0	10,315	-10,315
Petroleum Products	95,186	7,599	87,587	23,611	9,699	13,912	6,264	108,701	-102,437	2,001	1,837	164	2,872	2,098	774
Natural Gasoline	0	0	0	987	359	628	359	628	-269	0	359	-359	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	2,925	0	2,925	5,374	2,176	3,198	1,314	7,616	-6,302	179	0	179	0	0	0
Unfinished Oils	225	23	202	196	0	196	40	598	-558	0	0	0	200	40	160
Motor Gasoline Blending Components	0	0	0	720	0	720	0	720	-720	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	43,657	5,497	38,160	11,088	4,277	6,811	2,720	49,178	-46,458	1,121	966	155	1,401	69	1,332
Finished Leaded Motor Gasoline	22,124	3,143	18,981	6,366	2,394	3,972	1,406	25,156	-23,750	632	672	-40	906	69	837
Finished Unleaded Motor Gasoline	21,533	2,354	19,179	4,722	1,883	2,839	1,314	24,022	-22,708	489	294	195	495	0	495
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	196	0	196	29	8	21	0	225	-225	8	0	8	0	0	0
Naphtha-Type Jet Fuel	669	81	588	81	0	81	0	805	-805	0	108	-108	244	0	244
Kerosene-Type Jet Fuel	8,464	226	8,238	1,249	610	639	16	9,449	-9,433	496	52	444	112	0	112
Kerosene	1,678	141	1,537	146	0	146	0	1,683	-1,683	0	0	0	0	0	0
Distillate Fuel Oil	26,782	1,457	25,325	2,951	1,206	1,745	728	27,815	-27,087	197	352	-155	607	435	172
Distillate Fuel Oil Less No. 4	26,106	1,442	24,664	2,951	1,037	1,914	544	27,139	-26,595	197	352	-155	607	435	172
No. 4 Fuel Oil	676	15	661	0	169	-169	184	676	-492	0	0	0	0	0	0
Residual Fuel Oil	8,066	93	7,973	199	951	-752	1,005	6,771	-5,766	0	0	0	0	1,455	-1,455
Naphtha and Other Oils for Petro. Feedstock Use	161	9	152	43	33	10	25	187	-162	0	0	0	0	0	0
Special Naphthas	376	0	376	92	26	66	0	442	-442	0	0	0	0	0	0
Lubricants	790	63	727	291	53	238	48	1,210	-1,162	0	0	0	249	52	197
Wax	12	0	12	0	0	0	0	12	-12	0	0	0	0	0	0
Asphalt and Road Oil	303	0	303	159	0	159	0	499	-499	0	0	0	37	0	37
Miscellaneous Products	882	9	873	6	0	6	9	863	-854	0	0	0	22	47	-25
Total All Products	97,905	7,599	90,306	24,039	9,771	14,268	14,402	109,599	-95,197	2,001	1,837	164	2,872	12,413	-9,541

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, March 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,464	0	3,464	1,386	10	1,376	8,525	2,100	6,425	0	0	0	0	11,265	-11,265
Petroleum Products	93,770	8,755	85,015	25,025	10,901	14,124	7,030	107,817	-100,787	2,625	1,847	778	2,250	1,380	870
Natural Gasoline	0	0	0	1,332	419	913	419	913	-494	0	419	-419	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	1,987	0	1,987	4,816	2,389	2,427	1,775	6,365	-4,590	176	0	176	0	0	0
Unfinished Oils	135	36	99	190	0	190	86	491	-405	0	0	0	199	83	116
Motor Gasoline Blending Components	0	0	0	730	0	730	0	730	-730	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	50,279	5,983	44,296	12,075	5,001	7,074	2,601	55,610	-53,009	1,631	997	634	1,293	288	1,005
Finished Leaded Motor Gasoline	24,705	3,506	21,199	7,173	3,074	4,099	1,638	27,855	-26,217	964	762	202	832	115	717
Finished Unleaded Motor Gasoline	25,574	2,477	23,097	4,897	1,922	2,975	963	27,750	-26,787	662	235	427	461	173	288
Gasohol	0	0	0	5	5	0	0	5	-5	5	0	5	0	0	0
Finished Aviation Gasoline	322	9	313	121	25	96	0	434	-434	25	0	25	0	0	0
Naphtha-Type Jet Fuel	705	139	566	170	55	115	39	802	-763	0	72	-72	154	0	154
Kerosene-Type Jet Fuel	7,973	244	7,729	1,348	589	759	56	9,123	-9,067	533	37	496	83	0	83
Kerosene	1,293	101	1,192	112	0	112	0	1,304	-1,304	0	0	0	0	0	0
Distillate Fuel Oil	22,348	1,943	20,405	3,233	1,129	2,104	543	23,254	-22,711	260	322	-62	328	64	264
Distillate Fuel Oil Less No. 4	22,069	1,943	20,126	3,233	1,129	2,104	543	22,975	-22,432	260	322	-62	328	64	264
No. 4 Fuel Oil	279	0	279	0	0	0	0	279	-279	0	0	0	0	0	0
Residual Fuel Oil	6,066	15	6,051	66	1,165	-1,099	1,166	5,230	-4,064	0	0	0	0	888	-888
Naphtha and Other Oils for Petro. Feedstock Use	209	81	128	119	76	43	112	283	-171	0	0	0	0	0	0
Special Naphthas	425	0	425	169	0	169	0	594	-594	0	0	0	0	0	0
Lubricants	1,024	166	858	228	53	175	195	1,389	-1,194	0	0	0	190	29	161
Wax	32	17	15	0	0	0	17	32	-15	0	0	0	0	0	0
Asphalt and Road Oil	330	0	330	253	0	253	0	583	-583	0	0	0	0	0	0
Miscellaneous Products	642	21	621	63	0	63	21	680	-659	0	0	0	3	28	-25
Total All Products	97,234	8,755	88,479	26,411	10,911	15,500	15,555	109,917	-94,362	2,625	1,847	778	2,250	12,645	-10,395

Note: Total may not equal sum of components due to independent ounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, April 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,734	270	2,464	1,292	0	1,292	7,849	1,929	5,920	0	0	0	0	9,676	-9,676
Petroleum Products	81,253	8,425	72,828	27,829	11,521	16,308	6,824	98,813	-91,989	2,589	1,844	745	2,528	420	2,108
Natural Gasoline	0	0	0	1,111	429	682	429	682	-253	0	429	-429	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	46	0	46	0	46	-46	0	0	0	0	0	0
Liquefied Petroleum Gases	1,524	0	1,524	4,699	3,397	1,302	2,600	5,506	-2,906	80	0	80	0	0	0
Unfinished Oils	250	46	204	127	0	127	0	331	-331	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	774	0	774	0	774	-774	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	47,843	5,934	41,909	13,463	4,224	9,239	1,638	54,934	-53,296	1,533	906	627	1,521	0	1,521
Finished Leaded Motor Gasoline	22,820	3,649	19,171	6,898	2,250	4,648	960	25,903	-24,943	859	570	289	835	0	835
Finished Unleaded Motor Gasoline	25,023	2,285	22,738	6,557	1,966	4,591	678	29,023	-28,345	666	336	330	686	0	686
Gasohol	0	0	0	8	8	0	0	8	-8	8	0	8	0	0	0
Finished Aviation Gasoline	383	9	374	219	11	208	0	593	-593	11	0	11	0	0	0
Naphtha-Type Jet Fuel	533	139	394	184	59	125	59	624	-565	0	68	-68	114	0	114
Kerosene-Type Jet Fuel	7,153	107	7,046	2,190	575	1,615	24	9,305	-9,281	551	58	493	127	0	127
Kerosene	498	87	411	88	0	88	0	499	-499	0	0	0	0	0	0
Distillate Fuel Oil	16,077	1,830	14,247	3,837	1,255	2,582	523	17,789	-17,266	414	383	31	406	0	406
Distillate Fuel Oil Less No. 4	15,178	1,830	13,348	3,643	1,255	2,388	523	16,696	-16,173	414	383	31	406	0	406
No. 4 Fuel Oil	899	0	899	194	0	194	0	1,093	-1,093	0	0	0	0	0	0
Residual Fuel Oil	4,879	36	4,843	145	1,462	-1,317	1,244	4,610	-3,366	0	0	0	154	314	-160
Naphtha and Other Oils for Petro. Feedstock Use	100	127	-27	109	8	101	108	182	-74	0	0	0	0	0	0
Special Naphthas	130	0	130	353	0	353	0	483	-483	0	0	0	0	0	0
Lubricants	1,021	76	945	349	35	314	136	1,498	-1,362	0	0	0	180	77	103
Wax	11	0	11	0	0	0	0	11	-11	0	0	0	0	0	0
Asphalt and Road Oil	404	0	404	64	66	-2	0	402	-402	0	0	0	0	0	0
Miscellaneous Products	447	34	413	71	0	71	63	544	-481	0	0	0	26	29	-3
Total All Products	83,987	8,695	75,292	29,121	11,521	17,600	14,673	100,742	-86,069	2,589	1,844	745	2,528	10,096	-7,568

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, May 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,515	40	3,475	1,078	110	968	10,819	1,007	9,812	0	0	0	0	14,255	-14,255
Petroleum Products	87,512	8,598	78,914	29,775	10,464	19,311	6,391	107,304	-100,913	2,343	2,131	212	2,739	263	2,476
Natural Gasoline	0	0	0	1,564	453	1,111	453	1,111	-658	0	453	-453	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	11	0	11	0	11	-11	0	0	0	0	0	0
Liquefied Petroleum Gases	1,403	0	1,403	5,169	3,553	1,616	2,727	5,835	-3,108	89	0	89	0	0	0
Unfinished Oils	781	31	750	436	0	436	0	1,393	-1,393	0	0	0	207	0	207
Motor Gasoline Blending Components	0	0	0	605	0	605	0	605	-605	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	50,740	6,021	44,719	13,917	3,796	10,121	1,594	58,224	-56,630	1,419	1,154	265	1,525	0	1,525
Finished Leaded Motor Gasoline	24,889	3,532	21,357	8,224	2,161	6,063	972	29,400	-28,428	862	782	80	928	0	928
Finished Unleaded Motor Gasoline	25,851	2,489	23,362	5,693	1,635	4,058	622	28,824	-28,202	557	372	185	597	0	597
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	314	9	305	125	24	101	0	430	-430	24	0	24	0	0	0
Naphtha-Type Jet Fuel	1,056	176	880	211	59	152	59	1,279	-1,220	0	59	-59	247	0	247
Kerosene-Type Jet Fuel	8,647	166	8,481	1,703	434	1,269	42	10,349	-10,307	392	38	354	203	0	203
Kerosene	571	85	486	139	0	139	0	625	-625	0	0	0	0	0	0
Distillate Fuel Oil	17,456	1,899	15,557	4,878	1,097	3,781	557	20,227	-19,670	419	427	-8	349	9	340
Distillate Fuel Oil Less No. 4	16,786	1,899	14,887	4,878	1,070	3,808	530	19,557	-19,027	419	427	-8	349	9	340
No. 4 Fuel Oil	670	0	670	0	27	-27	27	670	-643	0	0	0	0	0	0
Residual Fuel Oil	3,883	0	3,883	13	855	-842	664	3,531	-2,867	0	0	0	0	174	-174
Naphtha and Other Oils for Petro. Feedstock Use	775	92	683	65	69	-4	105	784	-679	0	0	0	0	0	0
Special Naphthas	337	0	337	210	9	201	0	538	-538	0	0	0	0	0	0
Lubricants	784	113	671	426	34	392	150	1,366	-1,216	0	0	0	199	46	153
Wax	13	0	13	0	0	0	0	13	-13	0	0	0	0	0	0
Asphalt and Road Oil	344	0	344	218	27	191	0	535	-535	0	0	0	0	0	0
Miscellaneous Products	408	6	402	85	54	31	40	448	-408	0	0	0	9	34	-25
Total All Products	91,027	8,638	82,389	30,853	10,574	20,279	17,210	108,311	-91,101	2,343	2,131	212	2,739	14,518	-11,779

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, June 1981 (Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,455	0	3,455	1,217	139	1,078	8,848	1,450	7,398	0	0	0	0	11,931	-11,931
Petroleum Products	82,793	8,036	74,757	29,330	10,030	19,300	5,701	103,496	-97,795	2,494	2,318	176	3,790	228	3,562
Natural Gasoline	0	0	0	1,510	439	1,071	439	1,071	-632	0	439	-439	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	66	0	66	0	66	-66	0	0	0	0	0	0
Liquefied Petroleum Gases	1,886	0	1,886	5,173	2,418	2,755	1,539	6,391	-4,852	57	0	57	154	0	154
Unfinished Oils	371	22	349	97	212	-115	257	1,030	-773	0	0	0	584	45	539
Motor Gasoline Blending Components	0	0	0	571	0	571	0	571	-571	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	47,700	5,407	42,293	12,903	4,397	8,506	1,964	55,236	-53,272	1,554	1,279	275	2,198	0	2,198
Finished Leaded Motor Gasoline	22,490	3,014	19,476	7,237	2,559	4,678	1,280	26,865	-25,585	937	874	63	1,368	0	1,368
Finished Unleaded Motor Gasoline	25,210	2,393	22,817	5,661	1,833	3,828	684	28,366	-27,682	612	405	207	830	0	830
Gasohol	0	0	0	5	5	0	0	5	-5	5	0	5	0	0	0
Finished Aviation Gasoline	328	11	317	219	29	190	0	536	-536	29	0	29	0	0	0
Naphtha-Type Jet Fuel	623	85	538	110	59	51	59	789	-730	0	95	-95	236	0	236
Kerosene-Type Jet Fuel	8,876	94	8,782	1,709	716	993	79	10,458	-10,379	555	62	493	111	0	111
Kerosene	366	40	326	82	0	82	0	408	-408	0	0	0	0	0	0
Distillate Fuel Oil	13,983	1,851	12,132	5,843	902	4,941	540	17,840	-17,300	299	443	-144	371	0	371
Distillate Fuel Oil Less No. 4	13,981	1,851	12,130	5,843	804	5,039	442	17,838	-17,396	299	443	-144	371	0	371
No. 4 Fuel Oil	2	0	2	0	98	-98	98	2	96	0	0	0	0	0	0
Residual Fuel Oil	5,880	238	5,642	133	437	-304	525	5,765	-5,240	0	0	0	0	98	-98
Naphtha and Other Oils for Petro. Feedstock Use	749	122	627	83	36	47	112	786	-674	0	0	0	0	0	0
Special Naphthas	318	0	318	124	7	117	0	435	-435	0	0	0	0	0	0
Lubricants	748	166	582	281	61	220	187	1,098	-911	0	0	0	136	27	109
Wax	27	0	27	0	0	0	0	27	-27	0	0	0	0	0	0
Asphalt and Road Oil	493	0	493	286	179	107	0	600	-600	0	0	0	0	0	0
Miscellaneous Products	445	0	445	140	138	2	0	389	-389	0	0	0	0	58	-58
Total All Products	86,248	8,036	78,212	30,547	10,169	20,378	14,549	104,946	-90,397	2,494	2,318	176	3,790	12,159	-8,369

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, July 1981 (Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	1,515	238	1,277	1,243	123	1,120	7,873	1,760	6,113	0	0	0	0	8,510	-8,510
Petroleum Products	84,247	9,189	75,058	29,491	10,553	18,938	6,511	103,643	-97,132	2,683	2,523	160	3,202	226	2,976
Natural Gasoline	0	0	0	1,554	453	1,101	453	1,101	-648	0	453	-453	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	5	0	5	0	5	-5	0	0	0	0	0	0
Liquefied Petroleum Gases	2,314	0	2,314	4,912	2,355	2,557	1,513	6,462	-4,949	78	0	78	0	0	0
Unfinished Oils	682	12	670	242	151	91	297	912	-615	0	0	0	0	146	-146
Motor Gasoline Blending Components	0	0	0	743	0	743	0	743	-743	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	46,716	6,513	40,203	13,371	4,574	8,797	2,367	53,438	-51,071	1,654	1,410	244	1,827	0	1,827
Finished Leaded Motor Gasoline	21,773	3,380	18,393	7,473	2,574	4,899	1,064	25,467	-24,403	1,048	974	74	1,037	0	1,037
Finished Unleaded Motor Gasoline	24,943	3,133	21,810	5,898	2,000	3,898	1,303	27,971	-26,668	606	436	170	790	0	790
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	223	0	223	191	24	167	0	414	-414	24	0	24	0	0	0
Naphtha-Type Jet Fuel	1,166	179	987	179	163	16	163	1,349	-1,186	0	77	-77	260	0	260
Kerosene-Type Jet Fuel	8,592	130	8,462	1,494	687	807	30	10,017	-9,987	617	108	509	209	0	209
Kerosene	256	77	179	252	0	252	0	431	-431	0	0	0	0	0	0
Distillate Fuel Oil	15,918	1,721	14,197	5,412	925	4,487	471	19,496	-19,025	310	475	-165	506	0	506
Distillate Fuel Oil Less No. 4	15,829	1,721	14,108	5,412	925	4,487	471	19,407	-18,936	310	475	-165	506	0	506
No. 4 Fuel Oil	89	0	89	0	0	0	0	89	-89	0	0	0	0	0	0
Residual Fuel Oil	5,848	252	5,596	175	703	-528	800	5,868	-5,068	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock Use	348	187	161	142	75	67	225	453	-228	0	0	0	0	0	0
Special Naphthas	343	0	343	134	8	126	0	469	-469	0	0	0	0	0	0
Lubricants	686	111	575	236	55	181	146	1,202	-1,056	0	0	0	341	41	300
Wax	9	0	9	0	0	0	0	9	-9	0	0	0	0	0	0
Asphalt and Road Oil	460	0	460	407	98	309	0	769	-769	0	0	0	0	0	0
Miscellaneous Products	686	7	679	42	282	-240	46	505	-459	0	0	0	59	39	20
Total All Products	85,762	9,427	76,335	30,734	10,676	20,058	14,384	105,403	-91,019	2,683	2,523	160	3,202	8,736	-5,534

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, August 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,805	0	2,805	1,202	139	1,063	9,807	1,202	8,605	0	0	0	0	12,473	-12,473
Petroleum Products	84,464	8,517	75,947	31,441	10,550	20,891	6,425	106,326	-99,901	2,413	2,343	70	3,162	169	2,993
Natural Gasoline	0	0	0	1,311	410	901	410	901	-491	0	410	-410	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	5	0	5	0	5	-5	0	0	0	0	0	0
Liquefied Petroleum Gases	2,810	0	2,810	6,086	2,446	3,640	1,594	8,110	-6,516	66	0	66	0	0	0
Unfinished Oils	118	494	-376	810	77	733	134	980	-846	0	0	0	571	82	489
Motor Gasoline Blending Components	0	0	0	839	0	839	0	839	-839	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	50,964	5,646	45,318	13,212	4,660	8,552	2,450	58,032	-55,582	1,513	1,242	271	1,441	0	1,441
Finished Leaded Motor Gasoline	23,682	3,043	20,639	8,047	2,703	5,344	1,328	28,366	-27,038	956	849	107	948	0	948
Finished Unleaded Motor Gasoline	27,282	2,603	24,679	5,157	1,949	3,208	1,122	29,658	-28,536	549	393	156	493	0	493
Gasohol	0	0	0	8	8	0	0	8	-8	8	0	8	0	0	0
Finished Aviation Gasoline	248	20	228	258	20	238	0	486	-486	20	0	20	0	0	0
Naphtha-Type Jet Fuel	1,134	101	1,033	123	58	65	58	1,283	-1,225	0	113	-113	240	0	240
Kerosene-Type Jet Fuel	8,009	76	7,933	1,164	487	677	16	9,130	-9,114	468	90	378	126	0	126
Kerosene	535	35	500	77	0	77	0	577	-577	0	0	0	0	0	0
Distillate Fuel Oil	14,795	1,714	13,081	6,155	1,014	5,141	465	19,075	-18,610	346	488	-142	530	0	530
Distillate Fuel Oil Less No. 4	13,992	1,714	12,278	6,155	972	5,183	465	18,314	-17,849	346	488	-142	530	0	530
No. 4 Fuel Oil	803	0	803	0	42	-42	0	761	-761	0	0	0	0	0	0
Residual Fuel Oil	3,961	21	3,940	321	891	-570	800	4,170	-3,370	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feedstock Use	118	303	-185	152	60	92	331	278	53	0	0	0	40	0	40
Special Naphthas	290	0	290	290	9	281	0	571	-571	0	0	0	0	0	0
Lubricants	715	99	616	195	38	157	120	1,048	-928	0	0	0	203	48	155
Wax	9	0	9	0	0	0	0	9	-9	0	0	0	0	0	0
Asphalt and Road Oil	419	0	419	336	154	182	0	601	-601	0	0	0	0	0	0
Miscellaneous Products	339	8	331	107	226	-119	47	231	-184	0	0	0	11	39	-28
Total All Products	87,269	8,517	78,752	32,643	10,689	21,954	16,232	107,528	-91,296	2,413	2,343	70	3,162	12,642	-9,480

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, September 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	1,819	75	1,744	1,358	88	1,270	11,889	1,614	10,275	0	0	0	0	13,289	-13,289
Petroleum Products	89,821	8,609	81,212	31,705	10,237	21,468	5,899	111,837	-105,938	2,448	1,804	644	3,028	414	2,614
Natural Gasoline	0	0	0	1,460	375	1,085	375	1,085	-710	0	375	-375	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	1	0	1	0	1	-1	0	0	0	0	0	0
Liquefied Petroleum Gases	2,436	17	2,419	5,281	2,191	3,090	1,490	7,121	-5,631	122	0	122	0	0	0
Unfinished Oils	63	15	48	199	112	87	192	905	-713	0	0	0	677	99	578
Motor Gasoline Blending Components	0	0	0	709	0	709	0	709	-709	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	49,382	5,975	43,407	15,062	4,689	10,373	2,080	57,561	-55,481	1,493	930	563	1,138	0	1,138
Finished Leaded Motor Gasoline	22,626	3,239	19,387	8,109	2,756	5,353	1,271	27,037	-25,766	910	641	269	757	0	757
Finished Unleaded Motor Gasoline	26,756	2,736	24,020	6,945	1,925	5,020	809	30,516	-29,707	575	289	286	381	0	381
Gasohol	0	0	0	8	8	0	0	8	-8	8	0	8	0	0	0
Finished Aviation Gasoline	335	9	326	170	41	129	0	486	-486	31	0	31	0	0	0
Naphtha-Type Jet Fuel	1,262	111	1,151	116	58	58	58	1,462	-1,404	0	69	-69	264	0	264
Kerosene-Type Jet Fuel	7,642	112	7,530	1,522	583	939	50	9,222	-9,172	488	162	326	377	0	377
Kerosene	475	72	403	91	*0	91	0	494	-494	0	0	0	0	0	0
Distillate Fuel Oil	18,866	1,880	16,986	5,915	1,101	4,814	597	22,804	-22,207	314	268	46	361	0	361
Distillate Fuel Oil Less No. 4	18,452	1,880	16,572	5,915	1,081	4,834	597	22,410	-21,813	314	268	46	361	0	361
No. 4 Fuel Oil	414	0	414	0	20	-20	0	394	-394	0	0	0	0	0	0
Residual Fuel Oil	6,827	118	6,709	285	743	-458	727	6,738	-6,011	0	0	0	60	300	-240
Naphtha and Other Oils for Petro. Feedstock Use	190	188	2	123	76	47	202	251	-49	0	0	0	0	0	0
Special Naphthas	298	0	298	147	7	140	0	438	-438	0	0	0	0	0	0
Lubricants	756	102	654	291	74	217	118	1,125	-1,007	0	0	0	151	15	136
Wax	18	0	18	0	0	0	0	18	-18	0	0	0	0	0	0
Asphalt and Road Oil	292	0	292	270	43	227	0	519	-519	0	0	0	0	0	0
Miscellaneous Products	979	10	969	63	144	-81	10	898	-888	0	0	0	0	0	0
Total All Products	91,640	8,684	82,956	33,063	10,325	22,738	17,788	113,451	-95,663	2,448	1,804	644	3,028	13,703	-10,675

Note: Total may not equal sum of components due to independent rounding.
Sources. See Explanatory Notes on Data Collection and Estimation

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, October 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,582	166	3,416	1,161	0	1,161	10,007	1,375	8,632	0	0	0	0	13,209	-13,209
Petroleum Products	88,570	8,946	79,624	33,035	11,964	21,071	6,301	110,642	-104,341	2,650	1,710	940	2,776	70	2,706
Natural Gasoline	0	0	0	1,217	318	899	318	899	-581	0	318	-318	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	21	0	21	0	21	-21	0	0	0	0	0	0
Liquefied Petroleum Gases	2,871	8	2,863	5,044	2,791	2,253	1,721	7,003	-5,282	166	0	166	0	0	0
Unfinished Oils	129	188	-59	516	29	487	196	767	-571	0	0	0	143	0	143
Motor Gasoline Blending Components	0	0	0	836	0	836	0	836	-836	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	51,058	6,177	44,881	16,230	5,112	11,118	1,863	60,020	-58,157	1,668	1,025	643	1,515	0	1,515
Finished Leaded Motor Gasoline	25,581	3,754	21,827	9,106	2,838	6,268	1,149	30,402	-29,253	951	734	217	941	0	941
Finished Unleaded Motor Gasoline	25,477	2,423	23,054	7,124	2,274	4,850	714	29,618	-28,904	717	291	426	574	0	574
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	222	4	218	187	41	146	0	395	-395	31	0	31	0	0	0
Naphtha-Type Jet Fuel	492	40	452	52	70	-18	70	702	-632	0	12	-12	210	0	210
Kerosene-Type Jet Fuel	7,369	173	7,196	1,805	553	1,252	0	9,029	-9,029	503	70	433	148	0	148
Kerosene	1,006	122	884	150	14	136	0	1,020	-1,020	0	0	0	0	0	0
Distillate Fuel Oil	19,728	1,932	17,796	5,527	1,303	4,224	579	22,998	-22,419	282	285	-3	402	0	402
Distillate Fuel Oil Less No. 4	19,707	1,932	17,775	5,527	1,303	4,224	579	22,977	-22,398	282	285	-3	402	0	402
No. 4 Fuel Oil	21	0	21	0	0	0	0	21	-21	0	0	0	0	0	0
Residual Fuel Oil	3,521	19	3,502	221	1,301	-1,080	1,216	3,714	-2,498	0	0	0	76	0	76
Naphtha and Other Oils for Petro. Feedstock Use	273	131	142	54	12	42	134	393	-259	0	0	0	75	0	75
Special Naphthas	296	0	296	149	21	128	0	424	-424	0	0	0	0	0	0
Lubricants	573	143	430	331	28	303	155	1,058	-903	0	0	0	200	30	170
Wax	7	0	7	0	0	0	0	7	-7	0	0	0	0	0	0
Asphalt and Road Oil	517	0	517	594	250	344	0	861	-861	0	0	0	0	0	0
Miscellaneous Products	508	9	499	101	121	-20	49	495	-446	0	0	0	7	40	-33
Total All Products	92,152	9,112	83,040	34,196	11,964	22,232	16,308	112,017	-95,709	2,650	1,710	940	2,776	13,279	-10,503

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, November
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,619	0	2,619	1,156	102	1,054	10,406	1,564	8,842	0	0	0	0	12,515	-12,515
Petroleum Products	86,324	8,798	77,526	30,490	11,488	19,002	7,616	107,158	-99,542	2,517	2,040	477	2,961	424	2,537
Natural Gasoline	0	0	0	1,238	350	888	350	888	-538	0	350	-350	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	26	0	26	0	26	-26	0	0	0	0	0	0
Liquefied Petroleum Gases	2,443	15	2,428	7,216	2,514	4,702	1,637	8,942	-7,305	175	0	175	0	0	0
Unfinished Oils	291	137	154	416	10	406	304	1,054	-750	0	0	0	375	185	190
Motor Gasoline Blending Components	0	0	0	928	0	928	0	928	-928	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	44,816	5,325	39,491	13,051	4,653	8,398	1,985	51,713	-49,728	1,399	1,183	216	1,623	0	1,623
Finished Leaded Motor Gasoline	21,299	3,036	18,263	7,490	2,637	4,853	1,238	25,389	-24,151	855	864	-9	1,044	0	1,044
Finished Unleaded Motor Gasoline	23,517	2,289	21,228	5,553	2,008	3,545	747	26,316	-25,569	536	319	217	579	0	579
Gasohol	0	0	0	8	8	0	0	8	-8	8	0	8	0	0	0
Finished Aviation Gasoline	213	0	213	129	21	108	0	342	-342	21	0	21	0	0	0
Naphtha-Type Jet Fuel	942	94	848	110	64	46	64	1,040	-976	0	75	-75	157	0	157
Kerosene-Type Jet Fuel	7,587	131	7,456	1,733	759	974	115	9,280	-9,165	654	64	590	145	0	145
Kerosene	1,045	117	928	357	20	337	0	1,265	-1,265	0	0	0	0	0	0
Distillate Fuel Oil	22,625	2,291	20,334	4,142	1,345	2,797	1,075	24,409	-23,334	268	368	-100	483	180	303
Distillate Fuel Oil Less No 4	22,336	2,291	20,045	4,142	1,345	2,797	1,075	24,120	-23,045	268	368	-100	483	180	303
No 4 Fuel Oil	289	0	289	0	0	0	0	289	-289	0	0	0	0	0	0
Residual Fuel Oil	3,666	44	3,622	102	1,544	-1,442	1,434	3,685	-2,251	0	0	0	71	0	71
Naphtha and Other Oils for Petro Feedstock Use	268	267	1	118	38	80	236	392	-156	0	0	0	75	0	75
Special Naphthas	318	0	318	225	8	217	0	535	-535	0	0	0	0	0	0
Lubricants	955	367	588	312	33	279	361	1,248	-887	0	0	0	32	12	20
Wax	3	0	3	0	0	0	0	3	-3	0	0	0	0	0	0
Asphalt and Road Oil	441	0	441	202	129	73	0	514	-514	0	0	0	0	0	0
Miscellaneous Products	711	10	701	185	0	185	55	894	-839	0	0	0	0	47	-47
Total All Products	88,943	8,798	80,145	31,646	11,590	20,056	18 022	108,722	-90,700	2,517	2,040	477	2,961	12 939	-9,978

Note Total may not equal sum of components due to independent rounding

Sources See Explanatory Notes on Data Collection and Estimation

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, December 1981
(Thousands of Barrels)

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	1,794	0	1,794	1,313	88	1,225	13,725	1,526	12,199	0	0	0	0	15,218	-15,218
Petroleum Products	97,590	8,671	88,919	32,780	12,019	20,761	7,213	120,209	-112,996	2,661	2,090	571	3,052	307	2,745
Natural Gasoline	0	0	0	1,292	324	968	324	968	-644	0	324	-324	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	26	0	26	0	26	-26	0	0	0	0	0	0
Liquefied Petroleum Gases	3,823	28	3,795	7,399	2,867	4,532	1,851	10,369	-8,518	191	0	191	0	0	0
Unfinished Oils	534	16	518	217	0	217	177	916	-739	0	0	0	181	177	4
Motor Gasoline Blending Components	0	0	0	939	0	939	0	939	-939	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	51,306	6,100	45,206	16,049	4,921	11,128	2,074	60,379	-58,305	1,607	1,163	444	1,527	0	1,527
Finished Leaded Motor Gasoline	24,526	3,531	20,995	8,786	2,697	6,089	1,240	29,453	-28,213	954	786	168	961	0	961
Finished Unleaded Motor Gasoline	26,780	2,569	24,211	7,259	2,220	5,039	834	30,922	-30,088	649	377	272	566	0	566
Gasohol	0	0	0	4	4	0	0	4	-4	4	0	4	0	0	0
Finished Aviation Gasoline	180	12	168	104	10	94	0	297	-297	10	0	10	25	0	25
Naphtha-Type Jet Fuel	563	133	430	179	71	108	71	745	-674	0	95	-95	231	0	231
Kerosene-Type Jet Fuel	9,016	149	8,867	1,701	772	929	46	10,554	-10,508	630	53	577	135	0	135
Kerosene	1,548	114	1,434	429	16	413	0	1,847	-1,847	0	0	0	0	0	0
Distillate Fuel Oil	22,335	1,989	20,346	3,354	1,189	2,165	891	23,812	-22,921	223	455	-232	642	0	642
Distillate Fuel Oil Less No. 4	22,078	1,989	20,089	3,354	1,189	2,165	891	23,555	-22,664	223	455	-232	642	0	642
No. 4 Fuel Oil	257	0	257	0	0	0	0	257	-257	0	0	0	0	0	0
Residual Fuel Oil	5,783	10	5,773	35	1,747	-1,712	1,564	5,603	-4,039	0	0	0	0	22	-22
Naphtha and Other Oils for Petro Feedstock Use	252	59	193	327	17	310	60	563	-503	0	0	0	0	0	0
Special Naphthas	156	0	156	110	8	102	0	258	-258	0	0	0	0	0	0
Lubricants	818	61	757	345	66	279	110	1,392	-1,282	0	0	0	307	61	246
Wax	10	0	10	0	0	0	0	10	-10	0	0	0	0	0	0
Asphalt and Road Oil	351	0	351	155	11	144	0	495	-495	0	0	0	0	0	0
Miscellaneous Products	915	0	915	119	0	119	45	1,036	-991	0	0	0	4	47	-43
Total All Products	99,384	8,671	90,713	34,093	12,107	21,986	20,938	121,735	-100,797	2,661	2,090	571	3,052	15,525	-12,473

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, January 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	-86	34	-52	0	66	6	0	72	70	642	126	147	124	1,109	11	148	1,288
0.00 to 0.30% Sulfur	0	0	0	0	5	0	0	5	0	644	32	12	0	688	9	60	762
0.31 to 0.50% Sulfur	0	0	0	0	22	0	0	22	37	0	0	0	0	37	0	0	59
0.51 to 1.00% Sulfur	0	0	0	0	13	0	0	13	30	-2	53	1	124	206	0	30	249
1.01 to 2.00% Sulfur	-86	34	-52	0	23	0	0	23	3	0	0	0	0	3	2	22	-2
Greater Than 2.00% Sulfur	0	0	0	0	3	6	0	9	0	0	41	134	0	175	0	36	220
Residual Fuel Oil	7,303	515	7,818	162	3,710	535	1,398	5,805	926	10,448	6,828	1,013	415	19,630	645	16,079	49,977
0.00 to 0.30% Sulfur	508	42	550	0	52	0	2	54	98	1,118	633	160	98	2,107	110	907	3,728
0.31 to 0.50% Sulfur	982	0	982	0	27	0	88	115	209	1,170	304	120	12	1,815	91	4,200	7,203
0.51 to 1.00% Sulfur	1,664	0	1,664	4	1,297	65	409	1,775	483	1,701	2,835	245	7	5,271	179	1,515	10,404
1.01 to 2.00% Sulfur	467	247	714	32	863	246	626	1,767	119	244	1,113	38	298	1,812	70	8,954	13,317
Greater Than 2.00% Sulfur	3,682	226	3,908	126	1,471	224	273	2,094	17	6,215	1,943	450	0	8,625	195	503	15,325

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, February 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	28	28	0	25	9	0	34	49	98	-21	126	118	370	9	-63	378
0.00 to 0.30% Sulfur	0	0	0	0	4	0	0	4	1	97	-58	21	0	61	9	-138	-64
0.31 to 0.50% Sulfur	0	0	0	0	11	0	0	11	27	0	0	0	0	27	0	0	38
0.51 to 1.00% Sulfur	0	0	0	0	10	0	0	10	21	1	0	2	118	142	0	30	182
1.01 to 2.00% Sulfur	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	20	48
Greater Than 2.00% Sulfur	0	0	0	0	0	9	0	9	0	0	37	103	0	140	0	25	174
Residual Fuel Oil	6,291	347	6,638	190	3,881	338	1,215	5,624	798	9,347	5,645	751	314	16,855	458	14,240	43,815
0.00 to 0.30% Sulfur	0	38	38	0	21	0	2	23	89	828	660	130	68	1,775	85	944	2,865
0.31 to 0.50% Sulfur	1,561	0	1,561	0	45	0	129	174	196	1,038	105	101	10	1,450	57	4,167	7,409
0.51 to 1.00% Sulfur	1,085	0	1,085	2	905	47	382	1,336	395	1,483	1,871	275	11	4,035	109	1,590	8,155
1.01 to 2.00% Sulfur	623	163	786	27	1,166	109	503	1,805	100	306	1,063	14	225	1,708	-40	6,969	11,228
Greater Than 2.00% Sulfur	3,022	146	3,168	161	1,744	182	199	2,286	18	5,692	1,946	231	0	7,887	247	570	14,158

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, March 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	18	18	0	84	2	0	86	54	317	-273	100	267	465	8	75	652
0.00 to 0.30% Sulfur	0	0	0	0	7	0	0	7	0	292	-295	10	0	7	10	0	24
0.31 to 0.50% Sulfur	0	0	0	0	13	0	0	13	43	0	0	0	0	43	0	0	56
0.51 to 1.00% Sulfur	0	0	0	0	64	0	0	64	5	25	0	0	267	297	0	24	385
1.01 to 2.00% Sulfur	0	18	18	0	0	0	0	0	6	0	0	0	0	6	-2	17	39
Greater Than 2.00% Sulfur	0	0	0	0	0	2	0	2	0	0	22	90	0	112	0	34	148
Residual Fuel Oil	6,949	311	7,260	133	3,229	278	821	4,461	929	9,666	5,853	613	173	17,234	504	14,677	44,136
0.00 to 0.30% Sulfur	0	32	32	0	0	0	0	0	97	792	680	119	44	1,732	143	892	2,799
0.31 to 0.50% Sulfur	1,520	0	1,520	0	40	0	99	139	189	968	102	77	8	1,344	58	3,791	6,852
0.51 to 1.00% Sulfur	1,105	1	1,106	15	872	49	436	1,372	443	1,811	2,216	263	8	4,741	126	1,683	9,028
1.01 to 2.00% Sulfur	564	176	740	0	714	117	251	1,082	184	452	438	0	60	1,134	-13	7,820	10,763
Greater Than 2.00% Sulfur	3,760	102	3,862	118	1,603	112	35	1,868	16	5,643	2,417	154	53	8,283	190	491	14,694

Note Total may not equal sum of components due to independent rounding
Source See Explanatory Notes on Data Collection and Estimation

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, April 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	5	5	0	10	1	0	11	49	307	347	80	110	893	1	97	1,007
0.00 to 0.30% Sulfur	0	0	0	0	4	0	0	4	0	307	305	5	0	617	1	0	622
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	41	0	0	0	0	41	0	0	41
0.51 to 1.00% Sulfur	0	0	0	0	6	0	0	6	0	0	0	2	110	112	0	35	153
1.01 to 2.00% Sulfur	0	5	5	0	0	0	0	0	8	0	0	0	0	8	0	24	37
Greater Than 2.00% Sulfur	0	0	0	0	0	1	0	1	0	0	42	73	0	115	0	38	154
Residual Fuel Oil	4,770	303	5,073	76	2,706	290	874	3,946	796	10,062	5,394	624	132	17,008	389	13,184	39,600
0.00 to 0.30% Sulfur	0	42	42	0	6	0	0	6	154	793	555	103	55	1,660	85	788	2,581
0.31 to 0.50% Sulfur	941	0	941	0	29	0	95	124	132	1,262	121	104	6	1,625	112	3,522	6,324
0.51 to 1.00% Sulfur	957	1	958	38	1,098	45	386	1,567	403	1,587	2,056	246	8	4,300	87	1,724	8,636
1.01 to 2.00% Sulfur	462	187	649	0	554	127	316	997	89	131	491	0	63	774	-75	6,694	9,039
Greater Than 2.00% Sulfur	2,410	73	2,483	38	1,019	118	77	1,252	18	6,289	2,171	171	0	8,649	180	456	13,020

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, May 1981
(Thousands of Barrels)

Commodity	PAD District I				PAD District II				PAD District III						PAD Dist IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky	Minn., Wisc., Daks	Okla., Kans., Mo	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	10	10	0	10	1	0	11	115	296	75	95	145	726	0	67	814
0.00 to 0.30% Sulfur	0	0	0	0	4	0	0	4	0	296	23	2	0	321	0	0	325
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	115	0	0	0	0	115	0	0	115
0.51 to 1.00% Sulfur	0	0	0	0	6	0	0	6	0	0	0	2	145	147	0	13	166
1.01 to 2.00% Sulfur	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	22	32
Greater Than 2.00% Sulfur	0	0	0	0	0	1	0	1	0	0	52	91	0	143	0	32	176
Residual Fuel Oil	4,173	333	4,506	90	2,391	324	959	3,764	812	10,423	5,021	432	201	16,889	362	12,386	37,907
0.00 to 0.30% Sulfur	540	40	580	0	1	0	0	1	168	915	715	107	68	1,973	44	617	3,215
0.31 to 0.50% Sulfur	545	11	556	0	41	0	107	148	155	750	97	66	3	1,071	108	3,527	5,410
0.51 to 1.00% Sulfur	1,002	0	1,002	90	1,157	23	369	1,639	374	2,210	2,279	96	10	4,969	65	1,325	9,000
1.01 to 2.00% Sulfur	512	189	701	0	734	198	438	1,370	96	45	559	0	120	820	-29	6,690	9,552
Greater Than 2.00% Sulfur	1,574	93	1,667	0	458	103	45	606	19	6,503	1,371	163	0	8,056	174	227	10,730

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, June 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	3	3	1	5	0	0	6	-19	340	103	99	163	686	23	68	786
0.00 to 0.30% Sulfur	0	0	0	0	2	0	0	2	0	309	72	10	0	391	23	0	416
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	-20	0	0	0	0	-20	0	0	-20
0.51 to 1.00% Sulfur	0	0	0	0	3	0	0	3	0	31	0	1	163	195	0	7	205
1.01 to 2.00% Sulfur	0	3	3	1	0	0	0	1	1	0	0	0	0	1	0	26	31
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	31	88	0	119	0	35	154
Residual Fuel Oil	4,224	211	4,435	73	2,200	304	845	3,422	853	8,927	4,551	478	220	15,029	424	13,653	36,963
0.00 to 0.30% Sulfur	393	37	430	0	2	0	0	2	75	451	232	131	97	986	38	783	2,239
0.31 to 0.50% Sulfur	1,012	0	1,012	0	41	0	115	156	129	809	160	164	0	1,262	118	3,584	6,132
0.51 to 1.00% Sulfur	811	0	811	0	1,009	-5	242	1,246	494	2,347	1,887	101	12	4,841	79	860	7,837
1.01 to 2.00% Sulfur	468	174	642	56	850	131	425	1,462	147	61	427	0	111	746	26	7,864	10,740
Greater Than 2.00% Sulfur	1,540	0	1,540	17	298	178	63	556	8	5,259	1,845	82	0	7,194	163	562	10,015

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, July 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	3	3	2	13	1	0	16	-31	220	69	98	160	516	16	67	618
0.00 to 0.30% Sulfur	0	0	0	0	2	0	0	2	0	214	35	2	0	251	4	0	257
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	-35	6	0	0	0	-29	12	0	-17
0.51 to 1.00% Sulfur	0	0	0	0	11	0	0	11	0	0	0	3	160	163	0	7	181
1.01 to 2.00% Sulfur	0	3	3	2	0	0	0	2	4	0	0	0	0	4	0	26	35
Greater Than 2.00% Sulfur	0	0	0	0	0	1	0	1	0	0	34	93	0	127	0	34	162
Residual Fuel Oil	4,005	240	4,245	140	2,618	647	855	4,260	577	8,060	5,289	406	137	14,469	370	13,036	36,380
0.00 to 0.30% Sulfur	531	36	567	0	2	0	0	2	80	438	86	115	84	803	-9	625	1,988
0.31 to 0.50% Sulfur	1,158	0	1,158	0	61	0	104	165	118	787	120	68	0	1,093	122	2,874	5,412
0.51 to 1.00% Sulfur	764	0	764	-1	1,280	0	201	1,480	215	1,742	1,836	128	9	3,930	91	1,106	7,371
1.01 to 2.00% Sulfur	318	204	522	123	1,024	98	272	1,517	154	-14	567	0	44	751	-24	7,916	10,682
Greater Than 2.00% Sulfur	1,234	0	1,234	18	251	549	278	1,096	10	5,107	2,680	95	0	7,892	190	515	10,927

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, August 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	3	3	1	80	1	0	82	-25	654	-12	86	179	882	29	82	1,078
0.00 to 0.30% Sulfur	0	0	0	0	6	0	0	6	0	519	-62	4	0	461	1	0	468
0.31 to 0.50% Sulfur	0	0	0	0	4	0	0	4	-33	24	0	0	0	-9	28	0	23
0.51 to 1.00% Sulfur	0	0	0	0	17	0	0	17	3	111	0	1	179	294	0	23	334
1.01 to 2.00% Sulfur	0	3	3	1	53	0	0	54	5	0	0	0	0	5	0	21	83
Greater Than 2.00% Sulfur	0	0	0	0	0	1	0	1	0	0	50	81	0	131	0	38	170
Residual Fuel Oil	4,435	243	4,678	141	2,658	633	1,006	4,438	871	8,128	5,866	435	115	15,415	433	13,204	38,168
0.00 to 0.30% Sulfur	718	50	768	0	2	0	0	2	103	551	45	109	57	865	24	534	2,193
0.31 to 0.50% Sulfur	1,154	0	1,154	0	52	0	131	183	102	498	100	90	0	790	133	3,201	5,461
0.51 to 1.00% Sulfur	882	0	882	4	1,302	0	216	1,522	469	2,474	2,143	115	9	5,210	104	1,286	9,004
1.01 to 2.00% Sulfur	259	193	452	119	849	112	328	1,408	170	14	745	0	49	978	-44	7,671	10,465
Greater Than 2.00% Sulfur	1,422	0	1,422	18	453	521	331	1,323	27	4,591	2,833	121	0	7,572	216	512	11,045

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, September 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	14	14	0	-25	0	0	-25	21	326	-71	79	155	510	29	130	658
0.00 to 0.30% Sulfur	0	3	3	0	2	0	0	2	0	326	-103	3	0	226	1	0	232
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	-8	0	0	0	0	-8	28	77	97
0.51 to 1.00% Sulfur	0	0	0	0	4	0	0	4	8	0	0	2	155	165	0	3	172
1.01 to 2.00% Sulfur	0	11	11	0	-31	0	0	-31	21	0	0	0	0	21	0	13	14
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	32	74	0	106	0	37	143
Residual Fuel Oil	4,420	270	4,690	115	2,737	587	1,027	4,466	830	9,512	6,000	438	113	16,893	449	12,266	38,764
0.00 to 0.30% Sulfur	631	40	671	0	0	0	0	0	88	553	45	126	58	870	-14	620	2,147
0.31 to 0.50% Sulfur	775	0	775	0	40	40	126	206	142	546	191	148	0	1,027	130	2,467	4,605
0.51 to 1.00% Sulfur	947	0	947	5	1,271	0	278	1,554	397	2,878	1,383	66	10	4,734	92	1,170	8,497
1.01 to 2.00% Sulfur	395	230	625	95	737	75	305	1,212	138	129	764	5	45	1,081	38	7,551	10,507
Greater Than 2.00% Sulfur	1,672	0	1,672	15	689	472	318	1,494	65	5,406	3,617	93	0	9,181	203	458	13,008

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, October 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	13	13	0	-12	0	0	-12	37	346	40	83	160	666	15	59	741
0.00 to 0.30% Sulfur	0	1	1	0	1	0	0	1	0	346	-14	5	0	337	0	0	339
0.31 to 0.50% Sulfur	0	0	0	0	1	0	0	1	24	0	0	0	0	24	15	0	40
0.51 to 1.00% Sulfur	0	0	0	0	8	0	0	8	0	0	0	1	160	161	0	15	184
1.01 to 2.00% Sulfur	0	12	12	0	-22	0	0	-22	13	0	0	0	0	13	0	11	14
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	54	77	0	131	0	33	164
Residual Fuel Oil	5,029	377	5,406	128	2,713	393	1,012	4,246	852	7,127	5,789	533	120	14,421	536	13,771	38,380
0.00 to 0.30% Sulfur	759	38	797	0	0	0	0	0	85	712	27	124	72	1,020	8	529	2,354
0.31 to 0.50% Sulfur	931	0	931	0	57	45	92	194	130	286	203	102	0	721	158	3,196	5,200
0.51 to 1.00% Sulfur	855	0	855	-2	1,335	0	192	1,525	502	1,905	1,455	110	8	3,980	105	1,210	7,675
1.01 to 2.00% Sulfur	287	339	626	130	806	150	461	1,547	131	-29	450	9	40	601	82	8,285	11,141
Greater Than 2.00% Sulfur	2,197	0	2,197	0	515	198	267	980	4	4,253	3,654	188	0	8,099	183	551	12,010

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, November 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	10	10	0	101	0	0	101	8	176	0	78	214	476	31	80	698
0.00 to 0.30% Sulfur	0	1	1	0	2	0	0	2	0	158	-16	2	0	144	0	0	147
0.31 to 0.50% Sulfur	0	0	0	0	4	0	0	4	-1	0	0	0	0	-1	28	0	31
0.51 to 1.00% Sulfur	0	0	0	0	16	0	0	16	1	18	0	1	214	234	3	33	286
1.01 to 2.00% Sulfur	0	9	9	0	79	0	0	79	8	0	0	0	0	8	0	11	107
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	16	75	0	91	0	36	127
Residual Fuel Oil	5,346	473	5,819	137	2,839	485	848	4,309	893	7,596	5,405	490	122	14,506	469	11,697	36,800
0.00 to 0.30% Sulfur	556	39	595	0	0	0	0	0	95	580	26	110	57	868	-16	608	2,055
0.31 to 0.50% Sulfur	1,249	0	1,249	0	61	50	94	205	168	587	41	105	4	905	135	2,456	4,950
0.51 to 1.00% Sulfur	1,005	0	1,005	0	1,081	0	202	1,283	489	1,843	1,161	133	5	3,631	142	1,517	7,578
1.01 to 2.00% Sulfur	280	434	714	137	627	208	319	1,291	140	106	608	5	56	915	14	6,466	9,400
Greater Than 2.00% Sulfur	2,256	0	2,256	0	1,070	227	233	1,530	1	4,480	3,569	137	0	8,187	194	650	12,817

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, December 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	13	13	0	83	0	0	83	43	337	-4	81	229	686	28	107	917
0.00 to 0.30% Sulfur	0	1	1	0	4	0	0	4	0	237	-31	4	0	210	0	0	215
0.31 to 0.50% Sulfur	0	0	0	0	5	0	0	5	21	0	0	0	0	21	28	42	96
0.51 to 1.00% Sulfur	0	0	0	0	17	0	0	17	3	100	0	1	229	333	0	28	378
1.01 to 2.00% Sulfur	0	12	12	0	0	0	0	0	19	0	0	0	0	19	0	8	39
Greater Than 2.00% Sulfur	0	0	0	0	57	0	0	57	0	0	27	76	0	103	0	29	189
Residual Fuel Oil	5,581	455	6,036	76	3,156	687	847	4,766	920	9,088	7,083	589	167	17,847	501	12,048	41,198
0.00 to 0.30% Sulfur	599	57	656	0	0	0	0	0	117	642	33	129	65	986	12	482	2,136
0.31 to 0.50% Sulfur	1,063	0	1,063	0	53	46	88	187	138	954	41	103	3	1,239	142	2,632	5,263
0.51 to 1.00% Sulfur	1,129	0	1,129	-3	1,211	0	299	1,507	489	2,238	1,282	222	7	4,238	133	1,668	8,675
1.01 to 2.00% Sulfur	205	398	603	79	748	191	203	1,221	139	168	986	6	92	1,391	97	6,750	10,062
Greater Than 2.00% Sulfur	2,585	0	2,585	0	1,144	450	257	1,851	37	5,086	4,741	129	0	9,993	117	516	15,062

Note: Total may not equal sum of components due to independent rounding.
Source: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, January 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	21	0	0	21	10	209	48	19	0	286	2	138	447
Bulk Terminal	581	0	581	0	0	0	0	0	0	71	0	16	0	87	0	0	668
Total	581	0	581	0	21	0	0	21	10	280	48	35	0	373	2	138	1,115
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	10	0	0	10	2	0	0	0	0	2	0	0	12
Bulk Terminal	276	0	276	0	0	0	0	0	0	12	20	0	0	32	0	0	308
Total	276	0	276	0	10	0	0	10	2	12	20	0	0	34	0	0	320
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	4	0	0	4	44	149	42	7	6	248	0	37	289
Bulk Terminal	437	0	437	0	2	0	0	2	0	0	0	0	0	0	0	0	439
Total	437	0	437	0	6	0	0	6	44	149	42	7	6	248	0	37	728
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	2	2	0	44	0	0	44	15	0	0	0	0	15	3	3	67
Bulk Terminal	488	0	488	0	0	0	0	0	0	0	0	0	0	0	0	46	534
Total	488	2	490	0	44	0	0	44	15	0	0	0	0	15	3	49	601
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	2	0	0	2	0	0	20	117	0	137	0	2	141
Bulk Terminal	132	0	132	3	5	0	0	8	0	0	0	62	0	62	0	0	202
Total	132	0	132	3	7	0	0	10	0	0	20	179	0	199	0	2	343
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	520	55	575	0	47	0	19	66	112	594	232	79	32	1,049	158	915	2,763
Bulk Terminal	6,809	0	6,809	0	3	0	0	3	0	134	2,395	37	0	2,566	0	16	9,394
Total	7,329	55	7,384	0	50	0	19	69	112	728	2,627	116	32	3,615	158	931	12,157
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	852	0	852	0	80	0	3	83	20	679	85	72	1	857	36	2,295	4,123
Bulk Terminal	3,094	0	3,094	0	0	0	0	0	0	7	78	0	0	85	0	67	3,246
Total	3,946	0	3,946	0	80	0	3	83	20	686	163	72	1	942	36	2,362	7,369
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,136	0	1,136	10	1,154	18	278	1,460	158	4,185	1,301	71	2	5,717	170	628	9,111
Bulk Terminal	5,567	285	5,852	150	1,159	26	188	1,523	32	2,067	314	17	0	2,430	0	178	9,983
Total	6,703	285	6,988	160	2,313	44	466	2,983	190	6,252	1,615	88	2	8,147	170	806	19,094
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	422	244	666	0	946	122	504	1,572	103	359	385	22	86	955	192	4,761	8,146
Bulk Terminal	6,978	32	7,010	158	509	217	900	1,784	0	192	495	0	0	687	0	1,768	11,249
Total	7,400	276	7,676	158	1,455	339	1,404	3,356	103	551	880	22	86	1,642	192	6,529	19,395
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,336	33	1,369	54	1,344	535	305	2,238	72	3,117	1,664	177	0	5,030	224	266	9,127
Bulk Terminal	11,615	51	11,666	0	254	8	160	422	0	1,018	1,204	203	0	2,425	0	446	14,959
Total	12,951	84	13,035	54	1,598	543	465	2,660	72	4,135	2,868	380	0	7,455	224	712	24,086
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44

Note. Total may not equal sum of components due to independent rounding.
Sources. See Explanatory Notes on Data Collection and Estimation

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, February 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	14	0	0	14	11	143	131	18	0	303	2	0	319
Bulk Terminal	584	0	584	0	0	0	0	0	0	81	0	14	0	95	0	0	679
Total	584	0	584	0	14	0	0	14	11	224	131	32	0	398	2	0	998
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	2	0	0	2	11	0	0	0	0	11	0	0	13
Bulk Terminal	376	0	376	0	0	0	0	0	0	4	0	0	0	4	0	0	380
Total	376	0	376	0	2	0	0	2	11	4	0	0	0	15	0	0	393
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	27	0	0	27	42	84	40	4	19	189	0	37	253
Bulk Terminal	479	0	479	0	0	0	0	0	0	0	0	0	0	0	0	0	479
Total	479	0	479	0	27	0	0	27	42	84	40	4	19	189	0	37	732
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	22	0	0	0	0	22	2	4	33
Bulk Terminal	458	0	458	0	0	0	0	0	0	0	0	0	0	0	0	43	501
Total	458	5	463	0	0	0	0	0	22	0	0	0	0	22	2	47	534
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	0	0	37	159	0	196	0	4	201
Bulk Terminal	52	0	52	5	5	0	0	10	0	0	0	0	0	0	0	0	62
Total	52	0	52	5	6	0	0	11	0	0	37	159	0	196	0	4	263
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	7	63	70	0	17	0	17	34	89	523	383	58	36	1,089	158	1,052	2,403
Bulk Terminal	6,342	0	6,342	0	5	0	0	5	0	9	2,471	27	0	2,507	0	21	8,875
Total	6,349	63	6,412	0	22	0	17	39	89	532	2,854	85	36	3,596	158	1,073	11,278
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	1,121	0	1,121	0	70	0	13	83	24	680	102	96	2	904	31	1,546	3,685
Bulk Terminal	3,784	0	3,784	0	9	0	7	16	0	149	247	0	0	396	0	29	4,225
Total	4,905	0	4,905	0	79	0	20	99	24	829	349	96	2	1,300	31	1,575	7,910
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,568	0	1,568	10	1,417	17	253	1,697	121	3,475	1,733	84	4	5,417	125	991	9,798
Bulk Terminal	5,905	40	5,945	136	1,263	21	95	1,515	32	895	269	21	0	1,217	0	157	8,834
Total	7,473	40	7,513	146	2,680	38	348	3,212	153	4,370	2,002	105	4	6,634	125	1,148	18,632
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	794	192	986	0	719	109	406	1,234	50	375	528	29	86	1,068	125	4,057	7,470
Bulk Terminal	6,489	96	6,585	129	607	224	717	1,677	0	175	366	0	0	541	0	1,446	10,249
Total	7,283	288	7,571	129	1,326	333	1,123	2,911	50	550	894	29	86	1,609	125	5,503	17,719
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,656	31	1,687	79	1,259	460	325	2,123	52	3,249	1,234	133	0	4,668	227	468	9,173
Bulk Terminal	10,331	45	10,376	0	405	6	192	603	0	656	1,098	165	0	1,919	0	294	13,192
Total	11,987	76	12,063	79	1,664	466	517	2,726	52	3,905	2,332	298	0	6,587	227	762	22,365
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, March 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	7	0	0	7	11	102	13	11	0	137	5	0	149
Bulk Terminal	536	0	536	0	0	0	0	0	0	53	0	6	0	59	0	0	595
Total	536	0	536	0	7	0	0	7	11	155	13	17	0	196	5	0	744
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	11	0	0	11	31	0	0	0	0	31	0	0	42
Bulk Terminal	233	0	233	0	0	0	0	0	0	39	0	0	0	39	0	0	272
Total	233	0	233	0	11	0	0	11	31	39	0	0	0	70	0	0	314
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	62	0	0	62	24	107	0	4	93	228	0	38	328
Bulk Terminal	385	0	385	0	0	0	0	0	0	0	0	0	0	0	0	0	385
Total	385	0	385	0	62	0	0	62	24	107	0	4	93	228	0	38	713
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	41	0	0	0	0	41	0	2	48
Bulk Terminal	421	0	421	0	0	0	0	0	0	0	0	0	0	0	0	40	461
Total	421	5	426	0	0	0	0	0	41	0	0	0	0	41	0	42	509
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	0	0	50	181	0	231	0	1	233
Bulk Terminal	61	0	61	8	82	0	0	90	0	0	0	0	0	0	0	0	151
Total	61	0	61	8	83	0	0	91	0	0	50	181	0	231	0	1	384
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	7	62	69	0	1	0	1	2	70	273	440	34	8	825	182	818	1,896
Bulk Terminal	6,726	0	6,726	0	3	0	0	3	0	0	2,188	20	0	2,208	0	47	8,984
Total	6,733	62	6,795	0	4	0	1	5	70	273	2,628	54	8	3,033	182	865	10,880
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	1,141	0	1,141	0	64	0	3	67	20	825	91	136	1	1,073	26	1,423	3,730
Bulk Terminal	3,473	0	3,473	0	0	0	0	0	0	297	121	0	0	418	0	44	3,935
Total	4,614	0	4,614	0	64	0	3	67	20	1,122	212	136	1	1,491	26	1,467	7,665
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,558	0	1,558	24	1,409	24	244	1,701	149	3,349	2,149	154	3	5,804	71	1,024	10,158
Bulk Terminal	5,848	67	5,915	145	1,041	19	69	1,274	32	967	533	81	0	1,613	0	55	8,857
Total	7,406	67	7,473	169	2,450	43	313	2,975	181	4,316	2,682	235	3	7,417	71	1,079	19,015
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	395	156	551	0	749	102	237	1,088	76	369	491	17	50	1,003	110	3,943	6,695
Bulk Terminal	5,451	29	5,480	199	593	212	726	1,730	0	43	206	0	0	249	0	1,532	8,991
Total	5,846	185	6,031	199	1,342	314	963	2,818	76	412	697	17	50	1,252	110	5,475	15,686
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,562	47	1,609	14	1,119	300	151	1,584	48	2,565	1,020	120	89	3,842	184	416	7,635
Bulk Terminal	10,719	36	10,755	0	268	5	196	469	0	940	1,257	126	0	2,323	0	376	13,923
Total	12,281	83	12,364	14	1,387	305	347	2,053	48	3,505	2,277	246	89	6,165	184	792	21,558
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, April 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	3	0	0	3	11	106	192	7	0	316	2	0	321
Bulk Terminal	519	0	519	0	0	0	0	0	0	54	0	1	0	55	0	0	574
Total	519	0	519	0	3	0	0	3	11	160	192	8	0	371	2	0	895
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	10	0	0	10	57	0	0	0	0	57	0	0	67
Bulk Terminal	243	0	243	0	0	0	0	0	0	0	0	0	0	0	0	0	243
Total	243	0	243	0	10	0	0	10	57	0	0	0	0	57	0	0	310
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	59	0	0	59	21	91	0	2	60	174	0	50	283
Bulk Terminal	340	0	340	0	0	0	0	0	0	0	0	0	0	0	0	0	340
Total	340	0	340	0	59	0	0	59	21	91	0	2	60	174	0	50	623
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	4	4	0	0	0	0	0	39	0	0	0	0	39	0	2	45
Bulk Terminal	400	0	400	0	0	0	0	0	0	0	0	0	0	0	0	47	447
Total	400	4	404	0	0	0	0	0	39	0	0	0	0	39	0	49	492
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	0	0	86	138	0	224	0	3	228
Bulk Terminal	56	0	56	6	90	0	35	131	0	0	42	0	0	42	0	0	229
Total	56	0	56	6	91	0	35	132	0	0	128	138	0	266	0	3	457
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	162	64	226	0	7	0	0	7	84	474	273	31	10	872	170	921	2,196
Bulk Terminal	6,922	0	6,922	0	3	0	0	3	0	0	2,126	2	0	2,128	0	16	9,069
Total	7,084	64	7,148	0	10	0	0	10	84	474	2,399	33	10	3,000	170	937	11,265
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	1,119	0	1,119	0	86	0	11	97	24	1,070	112	176	0	1,382	43	1,687	4,328
Bulk Terminal	3,789	0	3,789	0	0	0	0	0	0	154	14	0	0	168	0	44	4,001
Total	4,908	0	4,908	0	86	0	11	97	24	1,224	126	176	0	1,550	43	1,731	8,329
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,584	0	1,584	61	1,414	49	223	1,747	254	1,785	1,840	96	2	3,977	47	1,066	8,421
Bulk Terminal	5,876	145	6,021	163	917	23	67	1,170	32	908	344	65	0	1,349	0	0	8,540
Total	7,460	145	7,605	224	2,331	72	290	2,917	286	2,693	2,184	161	2	5,326	47	1,066	16,961
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	390	179	569	0	614	163	243	1,020	40	378	576	12	142	1,148	86	3,362	6,185
Bulk Terminal	5,242	39	5,281	180	481	179	825	1,665	0	1,024	712	0	0	1,736	0	1,853	10,535
Total	5,632	218	5,850	180	1,095	342	1,068	2,685	40	1,402	1,288	12	142	2,884	86	5,215	16,720
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,251	0	1,251	5	909	294	160	1,368	58	3,192	889	153	0	4,292	175	487	7,573
Bulk Terminal	9,519	50	9,569	0	112	61	0	173	0	521	1,356	146	0	2,023	0	231	11,996
Total	10,770	50	10,820	5	1,021	355	160	1,541	58	3,713	2,245	299	0	6,315	175	718	19,569
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, May 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	11	85	123	3	0	222	1	0	224
Bulk Terminal	689	0	689	0	0	0	0	0	0	0	0	1	0	1	0	0	690
Total	689	0	689	0	1	0	0	1	11	85	123	4	0	223	1	0	914
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	8	0	0	8	146	1	0	0	0	147	0	0	155
Bulk Terminal	247	0	247	0	0	0	0	0	0	14	0	0	0	14	0	0	261
Total	247	0	247	0	8	0	0	8	146	15	0	0	0	161	0	0	416
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	57	0	0	57	17	76	0	3	60	156	0	53	266
Bulk Terminal	327	0	327	0	0	0	0	0	0	0	0	0	0	0	0	0	327
Total	327	0	327	0	57	0	0	57	17	76	0	3	60	156	0	53	593
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	6	6	0	0	0	0	0	38	0	0	0	0	38	0	2	46
Bulk Terminal	393	0	393	0	0	0	0	0	0	0	0	0	0	0	0	34	427
Total	393	6	399	0	0	0	0	0	38	0	0	0	0	38	0	36	473
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	0	0	78	130	0	208	0	2	211
Bulk Terminal	134	0	134	8	31	0	0	39	0	0	0	0	0	0	0	0	173
Total	134	0	134	8	32	0	0	40	0	0	78	130	0	208	0	2	384
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	393	59	452	0	1	0	0	1	99	260	505	29	10	903	169	852	2,377
Bulk Terminal	8,030	0	8,030	0	2	0	0	2	0	0	2,733	2	0	2,735	0	0	10,767
Total	8,423	59	8,482	0	3	0	0	3	99	260	3,238	31	10	3,638	169	852	13,144
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	753	28	781	0	88	0	11	99	21	550	42	129	3	745	46	2,124	3,795
Bulk Terminal	3,714	0	3,714	0	0	0	0	0	0	310	18	0	0	328	0	113	4,155
Total	4,467	28	4,495	0	88	0	11	99	21	860	60	129	3	1,073	46	2,237	7,950
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	2,148	0	2,148	60	1,705	13	243	2,021	163	3,236	1,978	125	3	5,505	49	1,159	10,882
Bulk Terminal	5,320	190	5,510	133	889	24	82	1,128	32	909	428	41	0	1,410	0	43	8,091
Total	7,468	190	7,658	193	2,594	37	325	3,149	195	4,145	2,406	166	3	6,915	49	1,202	18,973
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	575	190	765	0	532	119	414	1,065	49	315	817	5	99	1,285	122	3,735	6,972
Bulk Terminal	4,912	28	4,940	218	411	76	682	1,387	0	1,381	635	0	0	2,016	0	1,920	10,263
Total	5,487	218	5,705	218	943	195	1,096	2,452	49	1,696	1,452	5	99	3,301	122	5,655	17,235
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,202	0	1,202	2	811	361	70	1,244	67	3,791	617	169	0	4,644	182	307	7,579
Bulk Terminal	10,643	41	10,684	0	105	74	0	179	0	809	1,133	184	0	2,126	0	247	13,236
Total	11,845	41	11,886	2	916	435	70	1,423	67	4,600	1,750	353	0	6,770	182	554	20,815
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17

Note Total may not equal sum of components due to independent rounding.
Sources See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, June 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	11	95	186	6	0	298	19	0	317
Bulk Terminal	629	0	629	0	0	0	0	0	0	200	0	1	0	201	0	0	830
Total	629	0	629	0	0	0	0	0	11	295	186	7	0	499	19	0	1,147
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	5	0	0	5	102	29	0	0	0	131	0	0	136
Bulk Terminal	228	0	228	0	0	0	0	0	0	85	0	0	0	85	0	0	313
Total	228	0	228	0	5	0	0	5	102	114	0	0	0	216	0	0	449
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	57	0	0	57	13	107	0	3	151	274	0	56	387
Bulk Terminal	348	0	348	0	34	0	0	34	0	0	0	0	0	0	0	0	382
Total	348	0	348	0	91	0	0	91	13	107	0	3	151	274	0	56	769
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	37	0	0	0	0	37	0	2	44
Bulk Terminal	387	0	387	0	0	0	0	0	0	0	0	0	0	0	0	48	435
Total	387	5	392	0	0	0	0	0	37	0	0	0	0	37	0	50	479
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	95	72	0	167	0	6	173
Bulk Terminal	54	1	55	11	9	0	0	20	0	0	0	0	0	0	0	0	75
Total	54	1	55	11	9	0	0	20	0	0	95	72	0	167	0	6	248
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	159	58	217	0	1	0	0	1	80	279	112	29	34	534	163	1,062	1,977
Bulk Terminal	8,082	0	8,082	0	3	0	0	3	0	0	1,716	2	0	1,718	0	0	9,803
Total	8,241	58	8,299	0	4	0	0	4	80	279	1,828	31	34	2,252	163	1,062	11,780
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	863	0	863	0	106	0	8	114	14	446	65	172	0	697	44	2,541	4,259
Bulk Terminal	3,377	0	3,377	0	0	0	0	0	0	309	10	0	0	319	0	132	3,828
Total	4,240	0	4,240	0	106	0	8	114	14	755	75	172	0	1,016	44	2,673	8,087
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,749	0	1,749	10	1,333	2	167	1,512	162	3,741	1,655	65	7	5,630	56	690	9,637
Bulk Terminal	4,306	81	4,387	73	1,009	23	88	1,193	32	904	217	39	0	1,192	0	99	6,871
Total	6,055	81	6,136	83	2,342	25	255	2,705	194	4,645	1,872	104	7	6,822	56	789	16,508
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	379	194	573	50	761	133	373	1,317	56	243	486	5	75	865	143	4,205	7,103
Bulk Terminal	4,016	127	4,143	352	344	132	743	1,571	0	848	52	78	0	978	0	1,801	8.493
Total	4,395	321	4,716	402	1,105	265	1,116	2,888	56	1,091	538	83	75	1,843	143	6,006	15,596
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,580	0	1,580	1	738	342	105	1,186	68	2,532	714	132	0	3,446	182	364	6,758
Bulk Terminal	8,574	51	8,625	0	80	60	0	140	0	316	1,108	165	0	1,589	0	306	10,660
Total	10,154	51	10,205	1	818	402	105	1,326	68	2,848	1,822	297	0	5,035	182	670	17,418
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, July 1981 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	11	75	152	2	0	240	0	0	240
Bulk Terminal	568	0	568	0	0	0	0	0	0	213	0	1	0	214	0	0	782
Total	568	0	568	0	0	0	0	0	11	288	152	3	0	454	0	0	1,022
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	4	0	0	4	59	49	0	0	0	108	15	0	127
Bulk Terminal	183	0	183	0	0	0	0	0	0	156	0	0	0	156	0	0	339
Total	183	0	183	0	4	0	0	4	59	205	0	0	0	264	15	0	466
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	59	0	0	59	13	101	0	2	158	274	0	54	387
Bulk Terminal	376	0	376	0	84	0	0	84	0	0	0	0	0	0	0	0	460
Total	376	0	376	0	143	0	0	143	13	101	0	2	158	274	0	54	847
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	36	0	0	0	0	36	0	6	47
Bulk Terminal	374	0	374	0	0	0	0	0	0	0	0	0	0	0	0	70	444
Total	374	5	379	0	0	0	0	0	36	0	0	0	0	36	0	76	491
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	76	89	0	165	0	5	170
Bulk Terminal	35	0	35	17	11	0	0	28	0	0	0	0	0	0	0	0	63
Total	35	0	35	17	11	0	0	28	0	0	76	89	0	165	0	5	233
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	472	52	524	0	0	0	0	0	69	340	12	20	48	489	112	1,369	2,494
Bulk Terminal	7,445	0	7,445	0	5	0	0	5	0	0	1,906	2	0	1,908	0	0	9,358
Total	7,917	52	7,969	0	5	0	0	5	69	340	1,918	22	48	2,397	112	1,369	11,852
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	1,030	0	1,030	0	110	0	10	120	17	787	43	130	0	977	35	1,932	4,094
Bulk Terminal	2,725	0	2,725	0	0	0	0	0	0	110	11	0	0	121	0	132	2,978
Total	3,755	0	3,755	0	110	0	10	120	17	897	54	130	0	1,098	35	2,064	7,072
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,900	0	1,900	30	1,429	0	148	1,607	118	3,887	1,632	96	6	5,739	74	787	10,107
Bulk Terminal	4,106	139	4,245	115	982	21	4	1,122	32	153	462	47	0	694	0	64	6,125
Total	6,006	139	6,145	145	2,411	21	152	2,729	150	4,040	2,094	143	6	6,433	74	851	16,232
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	414	230	644	49	972	109	296	1,426	51	78	690	3	49	871	128	3,518	6,587
Bulk Terminal	3,966	103	4,069	259	560	126	776	1,721	0	968	194	58	0	1,220	0	2,189	9,199
Total	4,380	333	4,713	308	1,532	235	1,072	3,147	51	1,046	884	61	49	2,091	128	5,707	15,786
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	1,521	0	1,521	1	801	519	285	1,606	61	2,466	969	101	0	3,597	187	436	7,347
Bulk Terminal	8,835	64	8,899	0	33	49	0	82	0	493	1,112	183	0	1,788	0	277	11,046
Total	10,356	64	10,420	1	834	568	285	1,688	61	2,959	2,081	284	0	5,385	187	713	18,393
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, August 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	0	0	0	1	0	0	1	11	107	55	1	0	174	0	0	175
Bulk Terminal	627	0	627	0	0	0	0	0	0	23	0	1	0	24	0	0	651
Total	627	0	627	0	1	0	0	1	11	130	55	2	0	198	0	0	826
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	7	0	0	7	17	26	0	0	0	43	18	0	68
Bulk Terminal	313	0	313	0	0	0	0	0	0	333	0	0	0	333	0	0	646
Total	313	0	313	0	7	0	0	7	17	359	0	0	0	376	18	0	714
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	64	0	0	64	16	212	0	1	92	321	0	53	438
Bulk Terminal	483	0	483	0	102	0	0	102	0	0	0	0	0	0	0	0	585
Total	483	0	483	0	166	0	0	166	16	212	0	1	92	321	0	53	1,023
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	53	0	0	53	34	0	0	0	0	34	0	7	99
Bulk Terminal	378	0	378	0	0	0	0	0	0	0	0	0	0	0	0	69	447
Total	378	5	383	0	53	0	0	53	34	0	0	0	0	34	0	76	546
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	68	45	0	113	0	4	117
Bulk Terminal	50	0	50	19	9	0	0	28	0	0	0	0	0	0	0	0	78
Total	50	0	50	19	9	0	0	28	0	0	68	45	0	113	0	4	195
No. 4 Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	635	68	703	0	0	0	0	0	82	269	11	24	41	427	114	1,424	2,668
Bulk Terminal	7,275	0	7,275	0	7	0	0	7	0	46	2,315	2	0	2,363	0	0	9,645
Total	7,910	68	7,978	0	7	0	0	7	82	315	2,326	26	41	2,790	114	1,424	12,313
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	688	0	688	0	130	0	13	143	17	711	47	100	0	875	36	1,711	3,453
Bulk Terminal	2,563	0	2,563	0	0	0	0	0	0	233	0	0	0	233	0	168	2,964
Total	3,251	0	3,251	0	130	0	13	143	17	944	47	100	0	1,108	36	1,879	6,417
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,608	0	1,608	24	1,467	0	117	1,608	137	4,352	1,846	114	4	6,453	97	720	10,486
Bulk Terminal	5,151	89	5,240	141	1,080	19	46	1,286	33	60	90	18	0	201	0	58	6,785
Total	6,759	89	6,848	165	2,547	19	163	2,894	170	4,412	1,936	132	4	6,654	97	778	17,271
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	439	218	657	95	1,031	95	404	1,625	80	701	1,038	3	41	1,863	129	4,203	8,477
Bulk Terminal	4,703	95	4,798	256	691	83	810	1,840	0	1,612	449	0	0	2,061	0	1,805	10,504
Total	5,142	313	5,455	351	1,722	178	1,214	3,465	80	2,313	1,487	3	41	3,924	129	6,008	18,981
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,168	0	1,168	2	907	365	252	1,526	48	2,719	1,377	130	0	4,274	189	359	7,516
Bulk Terminal	9,584	68	9,652	0	9	44	0	53	0	545	1,749	126	0	2,420	0	268	12,393
Total	10,752	68	10,820	2	916	409	252	1,579	48	3,264	3,126	256	0	6,694	189	627	19,909
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11

Note: Total may not equal sum of components due to independent rounding.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, September 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	3	3	0	1	0	0	1	11	183	43	4	0	241	0	0	245
Bulk Terminal	667	0	667	0	0	0	0	0	0	46	0	1	0	47	0	0	714
Total	667	3	670	0	1	0	0	1	11	229	43	5	0	288	0	0	959
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	6	0	0	6	16	0	0	0	0	16	6	76	104
Bulk Terminal	225	0	225	0	0	0	0	0	0	0	0	0	0	0	0	0	225
Total	225	0	225	0	6	0	0	6	16	0	0	0	0	16	6	76	329
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	61	0	0	61	24	155	0	1	94	274	0	50	385
Bulk Terminal	532	0	532	0	166	1	0	167	0	0	0	0	0	0	0	0	699
Total	532	0	532	0	227	1	0	228	24	155	0	1	94	274	0	50	1,084
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	4	4	0	22	0	0	22	44	0	0	0	0	44	0	5	75
Bulk Terminal	411	0	411	0	0	0	0	0	0	0	0	0	0	0	0	31	442
Total	411	4	415	0	22	0	0	22	44	0	0	0	0	44	0	36	517
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	69	25	0	94	0	5	99
Bulk Terminal	47	0	47	5	9	0	0	14	0	0	0	0	0	0	0	1	62
Total	47	0	47	5	9	0	0	14	0	0	69	25	0	94	0	6	161
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	256	67	323	0	0	0	0	0	90	374	18	26	34	542	90	1,397	2,352
Bulk Terminal	8,669	0	8,669	0	6	0	0	6	0	56	2,790	2	0	2,848	0	36	11,559
Total	8,925	67	8,992	0	6	0	0	6	90	430	2,808	28	34	3,390	90	1,433	13,911
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	617	0	617	0	108	16	12	136	20	967	64	143	0	1,194	95	1,548	3,590
Bulk Terminal	3,239	0	3,239	0	17	0	0	17	0	150	58	0	0	208	0	89	3,553
Total	3,856	0	3,856	0	125	16	12	153	20	1,117	122	143	0	1,402	95	1,637	7,143
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,126	0	1,126	29	1,345	0	115	1,489	116	3,699	1,111	63	4	4,993	98	662	8,368
Bulk Terminal	6,906	15	6,921	145	1,057	16	155	1,373	35	29	288	0	0	352	0	218	8,864
Total	8,032	15	8,047	174	2,402	16	270	2,862	151	3,728	1,399	63	4	5,345	98	880	17,232
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	579	166	745	73	816	90	348	1,327	78	675	1,012	3	29	1,797	210	4,400	8,479
Bulk Terminal	5,735	140	5,875	231	809	136	1,110	2,286	0	1,284	542	0	0	1,826	0	1,840	11,827
Total	6,314	306	6,620	304	1,625	226	1,458	3,613	78	1,959	1,554	3	29	3,623	210	6,240	20,306
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,379	0	1,379	2	1,074	381	324	1,781	51	2,680	1,506	132	0	4,369	167	241	7,937
Bulk Terminal	10,912	171	11,083	0	46	44	0	90	0	914	1,211	133	0	2,258	0	220	13,651
Total	12,291	171	12,462	2	1,120	425	324	1,871	51	3,594	2,717	265	0	6,627	167	461	21,588
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11

Note. Total may not equal sum of components due to independent rounding.
Sources See Explanatory Notes on Data Collection and Estimation

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, October 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	4	4	0	0	0	0	0	11	190	29	5	0	235	0	0	239
Bulk Terminal	632	0	632	0	0	0	0	0	0	108	0	1	0	109	0	0	741
Total	632	4	636	0	0	0	0	0	11	298	29	6	0	344	0	0	980
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	6	0	0	6	25	0	0	0	0	25	7	67	105
Bulk Terminal	260	0	260	0	0	0	0	0	0	0	0	0	0	0	0	0	260
Total	260	0	260	0	6	0	0	6	25	0	0	0	0	25	7	67	365
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	60	0	0	60	23	62	0	1	92	178	0	45	283
Bulk Terminal	422	0	422	0	47	1	0	48	0	0	0	0	0	0	0	0	470
Total	422	0	422	0	107	1	0	108	23	62	0	1	92	178	0	45	753
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	43	0	0	0	0	43	0	8	56
Bulk Terminal	389	0	389	0	0	0	0	0	0	0	0	0	0	0	0	34	423
Total	389	5	394	0	0	0	0	0	43	0	0	0	0	43	0	42	479
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	82	28	0	110	0	2	112
Bulk Terminal	107	0	107	8	8	0	0	16	0	0	0	0	0	0	0	0	123
Total	107	0	107	8	8	0	0	16	0	0	82	28	0	110	0	2	235
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	740	66	806	0	0	0	0	0	80	324	31	21	22	478	115	1,253	2,652
Bulk Terminal	8,466	0	8,466	0	7	0	0	7	0	102	2,734	2	0	2,838	0	3	11,314
Total	9,206	66	9,272	0	7	0	0	7	80	426	2,765	23	22	3,316	115	1,256	13,966
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	759	0	759	0	120	17	13	150	22	628	57	133	0	840	67	1,936	3,752
Bulk Terminal	3,286	0	3,286	0	0	0	0	0	0	370	422	0	0	792	0	132	4,210
Total	4,045	0	4,045	0	120	17	13	150	22	998	479	133	0	1,632	67	2,068	7,962
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,161	0	1,161	9	1,296	0	115	1,420	130	3,718	1,772	70	8	5,698	100	721	9,100
Bulk Terminal	7,720	10	7,730	139	1,131	14	35	1,319	33	23	464	0	0	520	0	269	9,838
Total	8,881	10	8,891	148	2,427	14	150	2,739	163	3,741	2,236	70	8	6,218	100	990	18,938
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	803	191	994	93	885	319	367	1,664	54	486	725	3	18	1,286	287	4,153	8,384
Bulk Terminal	4,547	278	4,825	154	1,137	93	1,026	2,410	0	1,207	121	0	0	1,328	0	1,205	9,768
Total	5,350	469	5,819	247	2,022	412	1,393	4,074	54	1,693	846	3	18	2,614	287	5,358	18,152
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	919	0	919	0	615	89	258	962	25	2,631	1,399	126	0	4,181	170	280	6,512
Bulk Terminal	11,363	59	11,422	0	37	37	0	74	0	1,060	1,177	210	0	2,447	0	407	14,350
Total	12,282	59	12,341	0	652	126	258	1,036	25	3,691	2,576	336	0	6,628	170	687	20,862
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, November 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	5	5	0	2	0	0	2	10	19	25	2	0	56	0	0	63
Bulk Terminal	662	0	662	0	0	0	0	0	0	9	0	1	0	10	0	0	672
Total	662	5	667	0	2	0	0	2	10	28	25	3	0	66	0	0	735
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	8	0	0	8	17	0	1	0	0	18	8	67	101
Bulk Terminal	277	0	277	0	0	0	0	0	0	0	0	0	0	0	0	0	277
Total	277	0	277	0	8	0	0	8	17	0	1	0	0	18	8	67	378
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	17	0	0	17	24	80	0	1	134	239	3	23	282
Bulk Terminal	544	0	544	0	80	2	0	82	0	0	0	0	0	0	0	0	626
Total	544	0	544	0	97	2	0	99	24	80	0	1	134	239	3	23	908
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	49	0	0	49	41	0	0	0	0	41	0	8	103
Bulk Terminal	464	0	464	0	0	0	0	0	0	0	0	0	0	0	0	37	501
Total	464	5	469	0	49	0	0	49	41	0	0	0	0	41	0	45	604
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	50	40	0	90	0	3	93
Bulk Terminal	94	0	94	11	109	0	0	120	0	0	0	0	0	0	0	0	214
Total	94	0	94	11	109	0	0	120	0	0	50	40	0	90	0	3	307
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	473	61	534	0	0	0	0	0	76	287	19	12	19	413	102	1,105	2,154
Bulk Terminal	9,152	0	9,152	0	8	0	0	8	0	17	3,576	2	0	3,595	0	37	12,792
Total	9,625	61	9,686	0	8	0	0	8	76	304	3,595	14	19	4,008	102	1,142	14,946
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	1,195	0	1,195	0	110	21	12	143	20	614	24	125	0	783	63	1,754	3,938
Bulk Terminal	2,521	0	2,521	0	0	0	0	0	0	387	457	0	0	844	0	121	3,486
Total	3,716	0	3,716	0	110	21	12	143	20	1,001	481	125	0	1,627	63	1,875	7,424
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,667	0	1,667	9	1,716	0	116	1,841	205	2,029	1,218	114	6	3,572	156	650	7,886
Bulk Terminal	8,862	9	8,871	142	1,503	14	195	1,854	33	1,011	154	0	0	1,198	0	297	12,220
Total	10,529	9	10,538	151	3,219	14	311	3,695	238	3,040	1,372	114	6	4,770	156	947	20,106
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	495	176	671	61	545	272	398	1,276	58	773	612	3	49	1,495	229	3,582	7,253
Bulk Terminal	4,426	294	4,720	158	539	104	714	1,515	0	196	354	0	0	550	0	1,772	8,557
Total	4,921	470	5,391	219	1,084	376	1,112	2,791	58	969	966	3	49	2,045	229	5,354	15,810
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,312	0	1,312	0	555	84	303	942	15	2,592	1,905	121	0	4,633	180	315	7,382
Bulk Terminal	12,275	42	12,317	0	282	48	251	581	0	717	1,812	116	0	2,645	0	161	15,704
Total	13,587	42	13,629	0	837	132	554	1,523	15	3,309	3,717	237	0	7,278	180	476	23,086
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, December 1981
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	0	6	6	0	2	0	0	2	7	66	31	2	0	106	0	0	114
Bulk Terminal	582	0	582	0	0	0	0	0	0	1	0	1	0	2	0	0	584
Total	582	6	588	0	2	0	0	2	7	67	31	3	0	108	0	0	698
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	9	0	0	9	45	0	1	0	0	46	8	21	84
Bulk Terminal	242	0	242	0	0	0	0	0	0	0	0	0	0	0	0	0	242
Total	242	0	242	0	9	0	0	9	45	0	1	0	0	46	8	21	326
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	10	0	0	10	24	180	0	1	118	323	0	13	346
Bulk Terminal	482	0	482	0	74	0	0	74	0	0	0	0	0	0	0	0	556
Total	482	0	482	0	84	0	0	84	24	180	0	1	118	323	0	13	902
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	2	2	0	0	0	0	0	39	0	0	0	0	39	3	8	52
Bulk Terminal	628	0	628	0	0	0	0	0	0	0	0	0	0	0	0	37	665
Total	628	2	630	0	0	0	0	0	39	0	0	0	0	39	3	45	717
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	73	0	0	73	0	0	72	83	0	155	0	3	231
Bulk Terminal	73	0	73	7	106	0	0	113	0	0	0	0	0	0	0	0	186
Total	73	0	73	7	179	0	0	186	0	0	72	83	0	155	0	3	417
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	321	67	388	0	0	0	0	0	84	213	25	14	25	361	107	900	1,756
Bulk Terminal	5,734	0	5,734	0	13	0	0	13	0	9	2,925	2	0	2,936	0	0	8,683
Total	6,055	67	6,122	0	13	0	0	13	84	222	2,950	16	25	3,297	107	900	10,439
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	1,034	0	1,034	0	110	33	4	147	14	471	26	93	1	605	63	1,963	3,812
Bulk Terminal	2,272	0	2,272	0	0	0	0	0	0	144	351	0	0	495	0	50	2,817
Total	3,306	0	3,306	0	110	33	4	147	14	615	377	93	1	1,100	63	2,013	6,629
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,714	0	1,714	0	1,392	0	262	1,654	205	1,572	1,165	182	8	3,132	107	533	7,140
Bulk Terminal	7,387	135	7,522	117	1,491	20	260	1,888	33	820	552	34	0	1,439	0	276	11,125
Total	9,101	135	9,236	117	2,883	20	522	3,542	238	2,392	1,717	216	8	4,571	107	809	18,265
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	823	101	924	44	590	228	273	1,135	61	262	865	0	78	1,266	242	3,985	7,552
Bulk Terminal	4,518	139	4,657	80	567	118	720	1,485	0	477	419	0	0	896	0	1,836	8,874
Total	5,341	240	5,581	124	1,157	346	993	2,620	61	739	1,284	0	78	2,162	242	5,821	16,426
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	1,253	0	1,253	0	766	398	278	1,442	21	3,028	2,042	148	0	5,239	143	311	8,388
Bulk Terminal	14,620	26	14,646	0	272	83	177	532	0	887	1,386	96	0	2,369	0	283	17,830
Total	15,873	26	15,899	0	1,038	481	455	1,974	21	3,915	3,428	244	0	7,608	143	594	26,218
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, January 1981
(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	324	0	0	0	0	0	324
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	204	0	0	0	204
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	324	0	204	0	0	0	528
Other OPEC							
Ecuador	0	0	0	116	0	0	116
Gabon	0	0	0	0	0	0	0
Indonesia	1,201	0	0	0	0	0	1,201
Nigeria	223	0	0	0	0	0	223
Venezuela	5,083	689	508	2,054	3,402	0	11,736
Subtotal Other OPEC	6,507	689	508	2,170	3,402	0	13,276
Other							
Angola	339	0	0	0	0	0	339
Australia	0	0	0	0	0	0	0
Bahamas	222	0	367	0	160	0	750
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	142	0	0	0	0	0	142
Canada	279	0	822	80	(s)	0	1,181
Egypt	0	0	0	0	0	0	0
France	375	0	0	0	0	0	375
Ghana	14	0	0	0	0	0	14
Liberia	0	0	0	0	0	0	0
Malaysia	61	0	0	0	0	0	61
Mexico	0	0	0	0	280	0	280
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	418	260	728	648	2,708	0	4,762
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	211	0	0	0	211
Puerto Rico	0	0	0	97	379	0	476
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	641	0	0	0	0	641
Tunisia	0	0	0	0	0	0	0
United Kingdom	(s)	0	0	0	0	0	(s)
Virgin Islands	3,703	1,111	1,302	1,401	0	0	7,517
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	0	240	154	0	393
Other Eastern Hemisphere	525	0	0	0	4	0	530
Subtotal Other	6,079	2,012	3,430	2,465	3,686	0	17,672
Total Imports	12,909	2,701	4,143	4,635	7,088	0	31,476

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, February 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,000	0	0	0	0	0	1,000
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	144	0	0	0	0	0	144
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,144	0	0	0	0	0	1,144
Other OPEC							
Ecuador	0	0	0	482	0	0	482
Gabon	0	0	0	0	0	0	0
Indonesia	484	0	6	0	0	0	489
Nigeria	535	0	0	0	0	0	535
Venezuela	2,382	0	458	952	3,555	0	7,347
Subtotal Other OPEC	3,401	0	463	1,434	3,555	0	8,853
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	317	50	344	0	473	0	1,184
Bolivia	0	0	0	0	0	0	0
Brazil	347	0	0	0	0	0	347
Brunei	0	0	0	0	0	0	0
Canada	0	130	807	113	(s)	0	1,050
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	309	145	955	669	2,541	0	4,619
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	319	211	0	0	0	530
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	316	0	0	0	316
Virgin Islands	2,773	909	1,992	894	324	0	6,892
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	186	0	200	0	0	0	386
Other Eastern Hemisphere	339	0	1,052	0	0	0	1,391
Subtotal Other	4,271	1,553	5,876	1,677	3,338	0	16,715
Total Imports	8,816	1,553	6,340	3,110	6,893	0	26,712

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, March 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,183	0	0	0	0	0	1,183
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,183	0	0	0	0	0	1,183
Other OPEC							
Ecuador	0	0	0	240	0	0	240
Gabon	0	0	0	0	0	0	0
Indonesia	885	15	3	0	0	0	903
Nigeria	0	0	0	0	0	0	0
Venezuela	654	317	388	1,521	2,459	0	5,339
Subtotal Other OPEC	1,540	331	391	1,761	2,459	0	6,482
Other							
Angola	0	0	0	0	0	0	0
Australia	218	0	0	0	0	0	218
Bahamas	633	0	424	0	0	0	1,057
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	0	7	0	0	0	0	7
Canada	18	124	850	0	218	(s)	1,210
Ghana	161	0	0	0	0	0	161
Liberia	0	0	0	0	0	0	0
Malaysia	0	13	0	0	0	0	13
Mexico	(s)	0	0	0	0	0	(s)
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	1,298	227	510	562	3,205	0	5,803
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	224	0	0	0	224
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	236	0	0	0	236
Syria	0	0	0	0	0	0	0
Trinidad	0	229	107	0	0	0	335
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	1,100	338	1,700	581	578	0	4,298
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	265	0	0	88	0	353
Other Eastern Hemisphere	0	94	0	0	0	0	94
Subtotal Other	3,429	1,297	4,050	1,144	4,089	(s)	14,008
Total Imports	6,152	1,628	4,441	2,905	6,548	(s)	21,674

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, April 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	277	0	0	0	0	0	277
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	277	0	0	0	0	0	277
Other OPEC							
Ecuador	0	0	0	118	0	0	118
Gabon	0	0	0	0	0	0	0
Indonesia	1,254	34	0	0	0	0	1,288
Nigeria	0	0	0	0	0	0	0
Venezuela	287	0	68	347	2,230	0	2,932
Subtotal Other OPEC	1,540	34	68	465	2,230	0	4,338
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	224	0	436	0	0	0	660
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	0	0	0	0	0	0	0
Canada	45	123	821	137	87	(s)	1,212
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	93	0	0	0	0	93
Mexico	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	1,185	80	849	433	2,564	0	5,111
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	99	0	99
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	588	147	0	0	0	735
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	1,623	447	1,406	817	697	0	4,990
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	0	0	0	0	0
Other Eastern Hemisphere	0	0	0	0	0	0	0
Subtotal Other	3,076	1,331	3,658	1,387	3,447	(s)	12,899
Total Imports	4,892	1,365	3,727	1,852	5,677	(s)	17,513

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, May 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	650	0	0	0	0	0	650
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	191	0	0	0	191
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	650	0	191	0	0	0	841
Other OPEC							
Ecuador	0	0	0	616	0	0	616
Gabon	0	0	0	0	0	0	0
Indonesia	597	197	0	0	0	0	794
Nigeria	0	0	0	0	0	0	0
Venezuela	398	0	0	706	3,001	19	4,124
Subtotal Other OPEC	994	197	0	1,322	3,001	19	5,534
Other							
Angola	203	0	0	0	0	0	203
Australia	216	0	0	0	0	0	216
Bahamas	720	0	1,169	0	276	0	2,165
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	0	87	0	0	0	0	87
Canada	0	194	1,170	151	1	0	1,516
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	49	0	0	0	0	49
Mexico	0	0	0	0	236	0	236
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	1,382	0	447	346	4,052	0	6,228
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	49	0	49
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	169	0	198	0	0	367
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	218	799	1,794	975	1,225	0	5,011
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	0	0	141	0	141
Other Eastern Hemisphere	239	97	0	0	0	0	336
Subtotal Other	2,978	1,395	4,581	1,670	5,980	0	16,603
Total Imports	4,622	1,592	4,772	2,992	8,981	19	22,978

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, June 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	993	74	0	0	0	0	1,067
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	993	74	0	0	0	0	1,067
Other OPEC							
Ecuador	0	0	0	120	0	0	120
Gabon	0	0	0	0	0	0	0
Indonesia	619	245	0	5	0	0	869
Nigeria	179	0	0	0	0	0	179
Venezuela	0	0	0	1,012	2,264	0	3,276
Subtotal Other OPEC	798	245	0	1,137	2,264	0	4,443
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	176	0	330	0	0	0	506
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	0	122	0	0	0	0	122
Canada	0	0	1,162	17	6	0	1,185
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	145	0	0	0	0	0	145
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	(s)	0	0	0	0	0	(s)
Netherlands	511	0	0	0	0	0	511
Netherlands Antilles	981	0	1,078	439	2,123	0	4,621
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	289	229	0	0	0	518
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	815	107	1,266	460	150	0	2,799
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	0	0	131	0	131
Other Eastern Hemisphere	99	65	0	0	0	0	164
Subtotal Other	2,727	583	4,065	916	2,411	0	10,702
Total Imports	4,518	902	4,065	2,053	4,674	0	16,211

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, July 1981
(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,284	0	0	0	0	0	1,284
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,284	0	0	0	0	0	1,284
Other OPEC							
Ecuador	0	0	0	366	0	0	366
Gabon	0	0	0	0	0	0	0
Indonesia	591	323	0	0	0	0	914
Iran	0	0	0	0	0	0	0
Nigeria	768	0	0	0	0	0	768
Venezuela	982	0	345	1,189	5,530	0	8,046
Subtotal Other OPEC	2,340	323	345	1,555	5,530	0	10,094
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	822	0	590	0	0	0	1,412
Bolivia	0	0	0	0	0	0	0
Brazil	145	0	0	0	0	0	145
Brunei	0	0	0	0	0	0	0
Canada	0	0	918	34	205	0	1,157
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	(s)	0	0	(s)	816	0	816
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	0	0	1,599	331	4,030	0	5,960
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	207	0	0	0	207
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Trinidad	0	843	0	0	281	0	1,124
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	464	977	1,218	738	0	3,397
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	0	127	0	0	127
Other Eastern Hemisphere	2	0	0	0	0	0	2
Subtotal Other	969	1,307	4,291	1,710	6,071	0	14,348
Total Imports	4,594	1,630	4,636	3,265	11,601	0	25,726

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, August 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,890	0	0	0	0	0	1,890
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,890	0	0	0	0	0	1,890
Other OPEC							
Ecuador	240	0	0	312	0	0	551
Gabon	0	0	0	0	0	0	0
Indonesia	652	239	0	0	0	0	892
Iran	0	0	0	0	0	0	0
Nigeria	655	0	0	0	0	0	655
Venezuela	218	200	1,229	957	3,606	0	6,210
Subtotal Other OPEC	1,766	439	1,229	1,269	3,606	0	8,309
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	29	0	180	124	0	0	334
Bolivia	0	0	0	0	0	0	0
Brazil	196	0	0	0	0	0	196
Brunei	0	11	0	0	0	0	11
Canada	0	183	892	19	129	0	1,223
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	(s)	107	0	0	1,952	0	2,060
Netherlands	0	0	0	0	311	0	311
Netherlands Antilles	517	0	769	2,322	3,106	0	6,713
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	76	405	0	0	0	481
Puerto Rico	0	0	0	0	48	0	48
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	429	0	0	0	429
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	0	1,103	771	256	0	2,131
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	262	0	944	0	0	0	1,206
Other Eastern Hemisphere	43	6	0	0	0	0	49
Subtotal Other	1,047	383	4,722	3,237	5,804	0	15,192
Total Imports	4,703	822	5,951	4,505	9,410	0	25,391

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, September 1981

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,408	0	0	0	0	0	2,408
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,408	0	0	0	0	0	2,408
Other OPEC							
Ecuador	0	0	0	360	0	0	360
Gabon	0	0	0	0	0	0	0
Indonesia	619	261	0	0	0	0	881
Iran	0	0	0	0	0	0	0
Nigeria	403	0	0	0	0	0	403
Venezuela	749	0	587	500	2,577	0	4,413
Subtotal Other OPEC	1,771	261	587	860	2,577	0	6,056
Other							
Angola	273	0	0	0	0	0	273
Australia	0	0	0	0	0	0	0
Bahamas	543	275	1,162	0	0	0	1,980
Bolivia	0	0	0	0	0	0	0
Brazil	305	0	1	0	0	0	306
Brunei	0	178	0	0	0	0	178
Canada	376	0	845	247	0	(s)	1,469
Congo	0	0	0	0	0	0	0
Malaysia	0	51	0	0	0	0	51
Mexico	(s)	0	0	31	2,989	0	3,020
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	0	0	483	2,518	814	0	3,815
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	4	0	0	0	0	4
Puerto Rico	0	0	0	0	150	0	150
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	274	0	189	0	463
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	175	0	175
Virgin Islands	0	195	1,131	1,407	733	0	3,466
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	439	0	911	0	0	0	1,350
Other Eastern Hemisphere	(s)	71	0	0	0	0	71
Subtotal Other	1,937	774	4,807	4,204	5,050	(s)	16,772
Total Imports	6,116	1,036	5,393	5,064	7,628	(s)	25,236

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, October 1981 (Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,381	0	0	0	144	0	1,525
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	5	0	0	0	0	0	5
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,386	0	0	0	144	0	1,530
Other OPEC							
Ecuador	0	0	0	255	0	0	255
Gabon	0	0	0	0	0	0	0
Indonesia	1,017	231	0	0	0	0	1,248
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	1,141	160	1,059	1,186	3,988	95	7,629
Subtotal Other OPEC	2,158	392	1,059	1,442	3,988	95	9,133
Other							
Angola	309	0	0	0	0	0	309
Australia	191	0	0	0	0	0	191
Bahamas	199	0	189	0	0	0	389
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	322	0	0	0	322
Brunei	0	10	0	0	0	0	10
Canada	(s)	127	619	18	8	0	772
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	290	0	0	0	0	0	290
Liberia	0	0	0	0	0	0	0
Malaysia	0	27	0	0	0	0	27
Mexico	(s)	0	0	0	1,784	0	1,784
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	315	217	378	1,951	1,542	0	4,403
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Trinidad	0	132	419	0	339	0	890
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	336	344	1,042	1,117	1,101	0	3,939
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	190	125	0	0	315
Other Eastern Hemisphere	(s)	48	0	0	0	0	48
Subtotal Other	1,641	903	3,159	3,211	4,775	0	13,690
Total Imports	5,185	1,295	4,218	4,652	8,907	95	24,353

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, November 1981

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,198	0	0	0	0	0	2,198
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,198	0	0	0	0	0	2,198
Other OPEC							
Ecuador	0	0	0	231	0	0	231
Gabon	0	0	0	0	0	0	0
Indonesia	1,053	159	0	3	0	0	1,216
Nigeria	199	177	0	0	0	0	376
Venezuela	1,775	71	1,916	1,740	3,666	0	9,169
Subtotal Other OPEC	3,027	407	1,916	1,974	3,666	0	10,992
Other							
Angola	281	0	0	0	0	0	281
Australia	0	0	0	0	0	0	0
Bahamas	434	0	742	0	0	0	1,176
Bolivia	0	0	0	0	0	0	0
Brazil	49	0	0	0	0	0	49
Brunei	0	62	0	0	0	0	62
Canada	157	0	614	23	90	0	885
Ghana	146	0	0	0	0	0	146
Liberia	0	0	0	0	0	0	0
Malaysia	0	11	0	0	0	0	11
Mexico	(s)	0	0	0	1,044	0	1,044
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	269	100	451	557	3,407	0	4,784
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	220	0	0	0	220
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	274	0	0	0	0	274
Tunisia	0	0	0	0	0	0	0
United Kingdom	1	0	0	0	0	0	1
Virgin Islands	845	735	716	500	472	0	3,268
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	235	710	0	0	0	946
Other Eastern Hemisphere	0	61	10	(s)	0	0	71
Subtotal Other	2,181	1,478	3,463	1,081	5,013	0	13,216
Total Imports	7,406	1,886	5,379	3,055	8,679	0	26,406

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, December 1981

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,622	0	0	0	0	0	1,622
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,622	0	0	0	0	0	1,622
Other OPEC							
Ecuador	0	0	0	276	0	0	276
Gabon	0	0	0	0	0	0	0
Indonesia	265	292	0	0	0	0	557
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	2,724	101	402	1,876	3,422	0	8,524
Subtotal Other OPEC	2,989	393	402	2,152	3,422	0	9,357
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	484	0	0	394	0	0	878
Bolivia	0	0	0	0	0	0	0
Brazil	511	0	1,363	0	0	0	1,874
Brunei	0	26	0	0	0	0	26
Canada	217	0	516	356	245	0	1,335
Congo	0	0	0	0	0	0	0
Mexico	(s)	0	0	0	2,238	0	2,238
Netherlands	0	0	0	255	54	0	310
Netherlands Antilles	252	30	165	123	3,777	0	4,348
Norway	0	0	116	0	0	0	116
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	557	0	255	0	812
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	987	318	2,186	931	788	0	5,210
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	249	0	0	0	0	0	249
Other Eastern Hemisphere	(s)	18	0	0	0	0	18
Subtotal Other	2,700	393	4,903	2,061	7,357	0	17,414
Total Imports	7,311	785	5,305	4,213	10,779	0	28,393

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, January 1981
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**12,209**	**2,701**	**3,267**	**4,635**	**7,088**	**0**	**29,900**
Connecticut	156	1,433	0	0	200	0	1,789
Delaware	24	0	173	0	0	0	198
Florida	0	0	188	160	584	0	931
Georgia	0	0	0	0	328	0	328
Maine	40	0	211	752	1,025	0	2,029
Maryland	245	0	443	111	119	0	918
Massachusetts	312	221	842	719	1,666	0	3,760
New Jersey	531	0	135	76	324	0	1,066
New York	10,502	0	602	1,836	1,000	0	13,941
North Carolina	0	0	0	27	497	0	524
Pennsylvania	243	1,047	591	353	242	0	2,476
Rhode Island	0	0	80	0	0	0	80
South Carolina	0	0	0	0	311	0	311
Virginia	154	0	0	602	791	0	1,546
PAD District II	**279**	**0**	**509**	**0**	**0**	**0**	**788**
Illinois	0	0	92	0	0	0	92
Michigan	279	0	417	0	0	0	696
PAD District III	**0**	**0**	**367**	**0**	**0**	**0**	**367**
Louisiana	0	0	367	0	0	0	367
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**421**	**0**	**0**	**0**	**0**	**0**	**421**
California	(s)	0	0	0	0	0	(s)
Hawaii	421	0	0	0	0	0	421
All PAD Districts	**12,909**	**2,701**	**4,143**	**4,635**	**7,088**	**0**	**31,476**

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, February 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**8,472**	**1,423**	**6,057**	**2,997**	**6,893**	**0**	**25,843**
Connecticut	252	642	0	95	256	0	1,246
Delaware	0	0	139	0	0	0	139
Florida	0	0	456	0	1,150	0	1,606
Georgia	0	0	0	0	307	0	307
Maine	0	0	0	30	60	0	90
Maryland	140	0	254	0	93	0	487
Massachusetts	0	119	1,135	207	2,037	0	3,498
New Jersey	304	0	138	0	95	0	537
New York	7,309	153	1,425	1,813	1,339	0	12,039
North Carolina	0	0	0	285	257	0	541
Pennsylvania	336	509	1,942	30	346	0	3,162
Rhode Island	0	0	245	92	0	0	337
South Carolina	0	0	0	58	276	0	334
Virginia	130	0	324	386	679	0	1,519
PAD District II	**0**	**130**	**277**	**113**	**0**	**0**	**520**
Michigan	0	130	277	113	0	0	520
PAD District III	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**344**	**0**	**6**	**0**	**0**	**0**	**349**
Hawaii	344	0	6	0	0	0	349
All PAD Districts	**8,816**	**1,553**	**6,340**	**3,110**	**6,893**	**0**	**26,712**

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, March 1981
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**6,134**	**1,375**	**3,806**	**2,905**	**6,548**	**0**	**20,768**
Connecticut	0	296	0	0	160	0	456
Delaware	0	0	181	0	0	0	181
Florida	0	0	1,053	0	780	0	1,833
Georgia	0	0	0	0	125	0	125
Maine	0	0	256	570	933	0	1,759
Maryland	0	0	0	40	0	0	40
Massachusetts	0	159	342	297	1,769	0	2,567
New Jersey	161	0	0	0	0	0	161
New York	5,884	582	1,263	1,428	1,266	0	10,423
North Carolina	0	0	0	0	237	0	237
Pennsylvania	89	338	375	70	292	0	1,163
Rhode Island	0	0	0	0	169	0	169
South Carolina	0	0	0	0	380	0	380
Virginia	0	0	336	500	437	0	1,273
PAD District II	**18**	**124**	**633**	**0**	**0**	(s)	**775**
Michigan	18	124	633	0	0	0	775
PAD District III	(s)	**0**	**0**	**0**	**0**	**0**	(s)
Texas	(s)	0	0	0	0	0	(s)
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**0**	**129**	**3**	**0**	**0**	**0**	**132**
Hawaii	0	129	3	0	0	0	132
All PAD Districts	**6,152**	**1,628**	**4,441**	**2,905**	**6,548**	(s)	**21,674**

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, April 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**4,270**	**1,115**	**3,061**	**1,852**	**5,677**	**0**	**15,975**
Connecticut	0	435	0	0	0	0	435
Delaware	0	0	139	0	0	0	139
Florida	0	0	1,037	0	669	0	1,706
Georgia	0	0	0	0	100	0	100
Maine	0	0	0	0	710	0	710
Maryland	0	0	244	121	0	0	366
Massachusetts	0	80	394	0	1,286	0	1,760
New Jersey	90	0	0	0	109	0	199
New York	3,588	545	269	1,276	1,674	0	7,352
North Carolina	0	0	0	0	131	0	131
Pennsylvania	591	55	758	99	333	0	1,836
Rhode Island	0	0	0	0	0	0	0
South Carolina	0	0	68	0	288	0	356
Virginia	0	0	152	355	378	0	886
PAD District II	**0**	**123**	**666**	**0**	**0**	(s)	**789**
Michigan	0	123	666	0	0	0	789
PAD District III	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**623**	**127**	**0**	**0**	**0**	**0**	**750**
California	623	0	0	0	0	0	623
Hawaii	0	127	0	0	0	0	127
All PAD Districts	**4,892**	**1,365**	**3,727**	**1,852**	**5,677**	(s)	**17,513**

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, May 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**3,755**	**968**	**3,295**	**2,931**	**8,981**	**19**	**19,949**
Connecticut	0	102	0	0	450	0	552
Florida	0	0	447	0	569	0	1,016
Maine	0	0	0	0	770	0	770
Maryland	0	0	323	31	395	0	749
Massachusetts	0	0	246	493	1,816	0	2,554
New Jersey	0	473	0	125	0	0	598
New York	3,755	67	1,380	2,003	2,348	0	9,554
North Carolina	0	0	0	0	554	0	554
Pennsylvania	0	326	899	29	568	0	1,823
South Carolina	0	0	0	0	425	0	425
Virginia	0	0	0	249	1,085	0	1,334
PAD District II	**0**	**194**	**803**	**61**	**0**	**0**	**1,058**
Illinois	0	0	45	0	0	0	45
Michigan	0	194	757	0	0	0	951
Ohio	0	0	0	61	0	0	61
PAD District III	**270**	**0**	**674**	**0**	**0**	**0**	**944**
Louisiana	270	0	674	0	0	0	944
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**597**	**430**	**0**	**0**	**0**	**0**	**1,027**
California	597	0	0	0	0	0	597
Hawaii	0	430	0	0	0	0	430
All PAD Districts	**4,622**	**1,592**	**4,772**	**2,992**	**8,981**	**19**	**22,978**

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, June 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**3,720**	**470**	**3,315**	**2,048**	**4,674**	**0**	**14,228**
Connecticut	0	289	0	0	0	0	289
Delaware	0	0	186	0	0	0	186
Florida	0	0	1,701	0	1,392	0	3,092
Maine	0	0	0	469	409	0	878
Maryland	449	0	0	187	0	0	636
Massachusetts	0	0	479	232	1,068	0	1,779
New Jersey	736	0	0	59	402	0	1,197
New York	2,121	181	551	467	647	0	3,967
North Carolina	99	0	0	0	108	0	208
Pennsylvania	314	0	249	19	99	0	682
South Carolina	0	0	0	0	168	0	168
Virginia	0	0	149	614	381	0	1,145
PAD District II	**0**	**0**	**750**	**0**	**0**	**0**	**750**
Michigan	0	0	750	0	0	0	750
PAD District III	**179**	**0**	**0**	**0**	**0**	**0**	**179**
Louisiana	179	0	0	0	0	0	179
Texas	(s)	0	0	0	0	0	(s)
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**619**	**431**	**0**	**5**	**0**	**0**	**1,055**
Arizona	0	0	0	0	0	0	0
California	619	0	0	0	0	0	619
Hawaii	0	431	0	5	0	0	436
All PAD Districts	**4,518**	**902**	**4,065**	**2,053**	**4,674**	**0**	**16,211**

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, July 1981
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**2,946**	**1,307**	**3,915**	**3,264**	**9,904**	**0**	**21,336**
Connecticut	0	684	0	0	0	0	684
Delaware	0	0	476	135	226	0	836
Florida	0	0	1,647	464	1,281	0	3,391
Georgia	0	0	0	0	521	0	521
Maine	0	0	405	332	728	0	1,465
Maryland	0	0	593	515	130	0	1,239
Massachusetts	0	159	0	271	2,237	0	2,666
New Jersey	344	0	0	0	875	0	1,219
New York	2,602	464	226	1,202	1,744	0	6,238
North Carolina	0	0	0	91	491	0	583
Pennsylvania	0	0	422	35	0	0	457
Rhode Island	0	0	0	0	279	0	279
South Carolina	0	0	0	80	502	0	583
Virginia	0	0	147	140	888	0	1,174
PAD District II	**0**	**0**	**721**	**0**	**0**	**0**	**721**
Michigan	0	0	721	0	0	0	721
PAD District III	**1,056**	**0**	**0**	(s)	**1,696**	**0**	**2,752**
Louisiana	1,056	0	0	0	717	0	1,773
Texas	(s)	0	0	(s)	979	0	979
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**593**	**323**	**0**	**0**	**0**	**0**	**916**
California	591	0	0	0	0	0	591
Hawaii	2	323	0	0	0	0	326
All PAD Districts	**4,594**	**1,630**	**4,636**	**3,265**	**11,601**	**0**	**25,726**

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, August 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**3,437**	**200**	**4,774**	**4,260**	**7,542**	**0**	**20,213**
Florida	218	0	1,366	939	1,030	0	3,553
Georgia	0	0	0	0	45	0	45
Maine	0	0	180	0	145	0	324
Maryland	0	0	5	191	412	0	608
Massachusetts	0	123	677	426	2,343	0	3,570
New Jersey	541	0	0	13	560	0	1,114
New York	2,383	77	1,822	1,124	823	0	6,228
North Carolina	0	0	0	214	566	0	781
Pennsylvania	295	0	461	230	706	0	1,692
Rhode Island	0	0	97	261	0	0	357
Virginia	0	0	166	863	913	0	1,942
PAD District II	**0**	**183**	**566**	**0**	**0**	**0**	**749**
Michigan	0	183	566	0	0	0	749
PAD District III	**570**	**107**	**611**	**238**	**1,868**	**0**	**3,393**
Louisiana	240	107	372	238	1,014	0	1,970
Texas	330	0	239	0	854	0	1,423
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**695**	**332**	**0**	**8**	**0**	**0**	**1,035**
California	605	0	0	0	0	0	605
Hawaii	90	332	0	0	0	0	423
Washington	0	0	0	8	0	0	8
All PAD Districts	**4,703**	**822**	**5,951**	**4,505**	**9,410**	**0**	**25,391**

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, September 1981
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**5,037**	**195**	**4,622**	**4,903**	**6,595**	**0**	**21,352**
Delaware	0	0	98	0	0	0	98
Florida	193	0	1,492	701	350	0	2,736
Georgia	0	0	0	132	124	0	256
Maine	0	0	190	321	689	0	1,200
Maryland	0	0	257	420	150	0	828
Massachusetts	0	0	399	626	555	0	1,580
New Jersey	126	0	0	346	833	0	1,305
New York	4,718	195	1,588	1,529	1,472	0	9,501
North Carolina	0	0	0	146	52	0	198
Pennsylvania	0	0	348	98	845	0	1,291
Rhode Island	0	0	251	40	0	0	291
South Carolina	0	0	0	106	285	0	391
Virginia	0	0	0	437	1,241	0	1,678
PAD District II	**376**	**0**	**374**	**0**	**0**	(s)	**751**
Michigan	376	0	374	0	0	0	751
PAD District III	**83**	**275**	**397**	**0**	**1,032**	**0**	**1,787**
Louisiana	83	0	397	0	247	0	727
Texas	(s)	275	0	0	785	0	1,060
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**619**	**566**	**0**	**161**	**0**	**0**	**1,347**
California	619	0	0	0	0	0	619
Hawaii	(s)	566	0	0	0	0	566
Oregon	0	0	0	95	0	0	95
Washington	0	0	0	66	0	0	66
All PAD Districts	**6,116**	**1,036**	**5,393**	**5,064**	**7,628**	(s)	**25,236**

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, October 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**4,580**	**853**	**3,858**	**4,652**	**7,354**	**95**	**21,392**
Connecticut	0	132	0	0	0	0	132
Delaware	0	0	131	0	0	0	131
Florida	0	0	582	510	1,023	0	2,115
Georgia	0	0	0	0	201	0	201
Maine	0	0	189	382	553	0	1,124
Maryland	5	0	593	268	99	0	965
Massachusetts	0	378	603	278	1,837	0	3,095
New Jersey	1,056	285	273	89	511	0	2,214
New York	3,519	58	1,182	1,506	1,933	0	8,199
North Carolina	0	0	0	303	0	0	303
Pennsylvania	0	0	208	228	249	0	685
Rhode Island	0	0	97	113	0	0	210
South Carolina	0	0	0	191	297	0	487
Virginia	0	0	0	783	652	0	1,435
PAD District II	**0**	**127**	**142**	**0**	**7**	**0**	**276**
Michigan	0	127	142	0	0	0	268
North Dakota	0	0	0	0	7	0	7
PAD District III	**(s)**	**0**	**219**	**0**	**1,546**	**0**	**1,765**
Louisiana	0	0	219	0	732	0	951
Texas	(s)	0	0	0	813	0	813
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**605**	**316**	**0**	**0**	**0**	**0**	**921**
California	604	0	0	0	0	0	604
Hawaii	(s)	316	0	0	0	0	316
All PAD Districts	**5,185**	**1,295**	**4,218**	**4,652**	**8,907**	**95**	**24,353**

(s) Less than 500 barrels.
Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, November 1981
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**6,432**	**1,415**	**4,207**	**3,052**	**8,111**	**0**	**23,216**
Connecticut	0	274	0	0	0	0	274
Delaware	661	0	0	0	0	0	661
Florida	276	0	1,122	219	1,683	0	3,300
Georgia	0	0	0	0	367	0	367
Maine	0	0	247	414	817	0	1,478
Maryland	1	0	424	324	88	0	836
Massachusetts	0	0	271	387	1,549	0	2,207
New Jersey	889	470	23	0	374	0	1,756
New York	4,606	456	1,675	1,177	788	0	8,701
North Carolina	0	0	0	159	625	0	784
Pennsylvania	0	215	445	193	144	0	998
South Carolina	0	0	0	60	229	0	290
Virginia	0	0	0	120	1,445	0	1,564
PAD District II	**155**	**0**	**412**	**0**	**53**	**0**	**621**
Illinois	0	0	0	0	42	0	42
Michigan	155	0	412	0	0	0	567
North Dakota	0	0	0	0	11	0	11
PAD District III	**199**	**177**	**760**	**0**	**516**	**0**	**1,652**
Louisiana	0	0	760	0	0	0	760
Texas	199	177	0	0	516	0	892
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	**620**	**294**	**0**	**3**	**0**	**0**	**917**
California	620	0	0	0	0	0	620
Hawaii	0	294	0	3	0	0	297
All PAD Districts	**7,406**	**1,886**	**5,379**	**3,055**	**8,679**	**0**	**26,406**

Note: Total may not equal sum of components due to independent rounding.
Sources: See Explanatory Notes on Data Collection and Estimation.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, December 1981 (Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**7,094**	**449**	**4,789**	**4,153**	**9,501**	**0**	**25,985**
Connecticut	0	0	163	0	0	0	163
Delaware	0	0	116	0	54	0	170
Florida	232	0	269	0	771	0	1,272
Maine	0	0	232	242	920	0	1,394
Maryland	0	30	533	162	105	0	830
Massachusetts	35	101	757	371	2,267	0	3,531
New Jersey	990	0	380	0	889	0	2,259
New York	5,700	0	1,561	2,657	1,675	0	11,593
North Carolina	0	0	0	268	376	0	644
Pennsylvania	84	318	629	354	894	0	2,279
Rhode Island	45	0	0	0	0	0	45
South Carolina	7	0	0	70	476	0	553
Virginia	0	0	149	28	1,073	0	1,250
PAD District II	**216**	**0**	**516**	**0**	**63**	**0**	**795**
Illinois	0	0	180	0	46	0	226
Michigan	216	0	336	0	0	0	553
North Dakota	0	0	0	0	17	0	17
PAD District III	(s)	**0**	**0**	**0**	**1,216**	**0**	**1,216**
Louisiana	0	0	0	0	284	0	284
Texas	(s)	0	0	0	932	0	932
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PAD District V	(s)	**337**	**0**	**60**	**0**	**0**	**397**
Hawaii	(s)	337	0	0	0	0	337
Washington	0	0	0	60	0	0	60
All PAD Districts	**7,311**	**785**	**5,305**	**4,213**	**10,779**	**0**	**28,393**

(s) Less than 500 barrels.

Note: Total may not equal sum of components due to independent rounding.

Sources: See Explanatory Notes on Data Collection and Estimation.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil[2]																	
Refinery	--	--	18,828	--	--	--	--	18,090	--	--	--	--	--	53,411	3,104	30,164	123,597
Tank Farms and Pipelines	--	--	2,510	--	--	--	--	67,417	--	--	--	--	--	101,293	12,511	29,757	213,488
Leases[3]	--	--	69	--	--	--	--	1,464	--	--	--	--	--	15,405	1,198	1,561	19,697
Strategic Petroleum Reserve	--	--	0	--	--	--	--	0	--	--	--	--	--	107,800	0	0	107,800
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	23,398	23,398
Total	--	--	21,407	--	--	--	--	86,971	--	--	--	--	--	277,909	16,813	84,880	487,980
Natural Gasoline and Isopentane																	
Refinery	0	4	4	0	0	0	372	372	1,786	0	0	0	0	1,786	37	9	2,208
Pipeline	0	0	0	0	13	1	217	231	199	44	0	16	27	286	122	5	644
Natural Gas Processing Plant	3	22	24	0	16	14	2,172	2,202	647	4,175	1,380	18	136	6,355	43	18	8,642
Total	3	26	28	0	29	15	2,761	2,805	2,632	4,219	1,380	34	163	8,427	202	32	11,494
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	146	0	0	146	0	28	28	0	0	56	0	0	202
Natural Gas Processing Plant	0	0	0	0	99	2	1,887	1,988	203	2,176	62	17	349	2,806	28	3	4,825
Total	0	0	0	0	245	2	1,887	2,134	203	2,204	90	17	349	2,862	28	3	5,027
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	0	226	0	0	0	226	44	0	276
Pipeline	0	0	0	0	0	1	0	1	837	242	49	10	17	1,155	0	0	1,156
Natural Gas Processing Plant	0	0	0	0	4	0	4	8	16	54	8	60	1	139	2	0	149
Total	0	0	0	0	10	1	4	15	853	522	57	70	18	1,520	46	0	1,581
Ethane																	
Refinery[4]	0	0	0	0	10	0	0	10	0	0	579	0	0	579	0	0	589
Bulk Terminal	0	0	0	0	94	0	48	142	0	0	0	0	0	0	0	0	142
Pipeline	0	0	0	0	0	1,611	366	1,977	258	68	115	0	3	444	0	0	2,421
Natural Gas Processing Plant	0	0	0	0	22	0	772	794	499	460	98	1	0	1,058	(s)	0	1,852
Total	0	0	0	0	126	1,611	1,186	2,923	757	528	792	1	3	2,081	(s)	0	5,004
Propane for Petrochemical Feedstock Use																	
Refinery[4]	78	0	78	0	0	0	134	134	0	4	0	0	0	4	1	0	217
Total	78	0	78	0	0	0	134	134	0	4	0	0	0	4	1	0	217
Propane for Other Uses																	
Refinery[4]	0	660	660	0	0	0	1,543	1,543	0	1,991	0	0	0	1,991	135	299	4,628
Bulk Terminal	362	0	362	0	986	57	261	1,304	181	9,705	0	19	0	9,905	28	0	11,599
Pipeline	822	2,159	2,981	63	685	686	2,390	3,824	581	79	233	995	65	1,953	15	0	8,773
Natural Gas Processing Plant	326	450	776	0	2,571	176	18,037	20,784	3,612	7,749	3,424	6,334	313	21,431	185	503	43,679
Total	1,510	3,269	4,779	63	4,242	919	22,231	27,455	4,374	19,524	3,657	7,348	378	35,280	363	802	68,679
Ethane-Propane Mix																	
Bulk Terminal	0	0	0	0	0	0	0	0	183	2,579	0	0	0	2,762	0	0	2,762
Pipeline	0	0	0	0	66	0	641	707	512	83	2	0	39	636	0	0	1,343
Natural Gas Processing Plant	0	0	0	0	0	0	2,412	2,412	210	7,820	0	0	116	8,146	1	0	10,560
Total	0	0	0	0	66	0	3,053	3,119	905	10,482	2	0	155	11,544	1	0	14,665

See footnotes at end of table

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980 (Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petrochemical Feedstock Use																	
Refinery[4]	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
Total	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
Butane for Other Uses																	
Refinery[4]	26	5	31	0	598	51	186	835	584	288	0	0	0	872	210	610	2,558
Bulk Terminal	101	0	101	0	250	0	35	285	130	6,622	0	0	0	6,752	0	0	7,138
Pipeline	52	86	138	0	1,032	33	602	1,667	568	494	5	147	36	1,250	78	0	3,133
Natural Gas Processing Plant	37	2	40	0	87	14	3,664	3,765	788	7,176	2,222	745	75	11,005	54	354	15,218
Total	216	93	310	0	1,967	98	4,487	6,552	2,070	14,580	2,227	892	111	19,879	342	964	28,047
Butane-Propane Mix for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
Butane-Propane Mix for Other Uses																	
Refinery	0	0	0	0	2	0	60	62	71	9	0	0	0	80	1	125	268
Bulk Terminal	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	5
Pipeline	0	0	0	0	0	360	18	378	632	25	10	0	1	668	0	0	1,046
Natural Gas Processing Plant	0	0	0	0	2	0	41	43	53	(s)	1,085	1	0	1,140	(s)	4	1,187
Total	0	0	0	0	9	360	119	488	756	34	1,095	1	1	1,888	1	129	2,506
Isobutane																	
Refinery	0	13	13	0	416	0	0	416	590	0	0	0	0	590	32	32	1,083
Bulk Terminal	0	0	0	0	58	0	13	71	137	1,573	0	0	0	1,710	0	0	1,781
Pipeline	0	36	36	0	479	0	188	667	198	11	0	50	19	278	0	0	981
Natural Gas Processing Plant	0	1	1	0	8	6	1,181	1,195	335	1,429	1,663	47	89	3,563	1	313	5,074
Total	0	50	50	0	961	6	1,382	2,349	1,260	3,013	1,663	97	108	6,141	33	345	8,919
Other Hydrocarbons and Alcohol																	
Refinery	5	1	6	0	200	0	0	200	0	14	0	0	43	57	0	4	267
Total	5	1	6	0	200	0	0	200	0	14	0	0	43	57	0	4	267
Unfinished Oils																	
Refinery	0	15,501	15,501	0	0	0	25,371	25,371	0	51,406	0	0	0	51,406	2,769	28,681	123,728
Total	0	15,501	15,501	0	0	0	25,371	25,371	0	51,406	0	0	0	51,406	2,769	28,681	123,728
Motor Gasoline Blending Components																	
Refinery	0	6,012	6,012	0	0	0	11,441	11,441	0	0	0	18,911	0	18,911	2,348	9,567	48,279
Bulk Terminal	190	0	190	4	301	0	39	344	0	0	0	10	0	10	0	3	547
Pipeline	0	0	0	0	27	2	517	546	88	0	0	0	0	88	0	0	634
Total	190	6,012	6,202	4	328	2	11,997	12,331	88	0	0	18,921	0	19,009	2,348	9,570	49,460
Aviation Gasoline Blending Components																	
Refinery	13	0	13	0	140	0	0	140	0	246	0	0	0	246	0	60	459
Total	13	0	13	0	140	0	0	140	0	246	0	0	0	246	0	60	459

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Total Finished Motor Gasoline[5]																	
Refinery	0	5,810	5,810	0	12	0	16,188	16,200	0	0	0	19,586	0	19,586	3,189	8,690	53,475
Bulk Terminal	40,649	3,416	44,065	2,315	19,425	4,900	6,637	33,277	2,468	6,626	1,698	2,498	294	13,584	1,770	10,339	103,035
Pipeline	14,461	788	15,249	1,015	6,706	1,222	6,881	15,824	2,568	5,353	5,809	8,224	155	22,109	1,262	2,477	56,921
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	14	0	71	0	0	85	14	0	112
Total Finished Motor Gasoline	55,123	10,014	65,137	3,330	26,143	6,122	29,706	65,301	5,050	11,979	7,578	30,308	449	55,364	6,235	21,506	213,543
Finished Leaded Motor Gasoline																	
Refinery	0	2,816	2,816	0	0	0	10,120	10,120	0	0	0	10,795	0	10,795	2,372	4,363	30,466
Bulk Terminal	22,496	1,906	24,402	1,307	10,732	3,033	4,481	19,553	1,429	4,190	939	1,362	199	8,119	1,139	5,536	58,749
Pipeline	6,966	446	7,412	471	3,606	887	4,030	8,994	1,581	2,520	3,063	4,876	110	12,150	941	1,317	30,814
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	12	0	34	0	0	46	10	0	68
Total	29,475	5,168	34,643	1,778	14,338	3,920	18,631	38,667	3,022	6,710	4,036	17,033	309	31,110	4,462	11,216	120,097
Finished Unleaded Motor Gasoline																	
Refinery	0	2,994	2,994	0	0	0	6,068	6,068	0	0	0	8,791	0	8,791	812	4,327	22,992
Bulk Terminal	18,143	1,510	19,653	1,008	8,686	1,867	2,137	13,698	1,038	2,436	759	1,136	95	5,464	626	4,803	44,244
Pipeline	7,495	342	7,837	544	3,100	333	2,851	6,828	987	2,833	2,746	3,348	45	9,959	321	1,160	26,105
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	37	0	0	39	5	0	44
Total	25,638	4,846	30,484	1,552	11,786	2,200	11,056	26,594	2,027	5,269	3,542	13,275	140	24,253	1,764	10,290	93,385
Gasohol																	
Refinery	0	0	0	0	12	0	0	12	0	0	0	0	0	0	5	0	17
Bulk Terminal	10	0	10	0	7	0	19	26	1	0	0	0	0	1	5	0	42
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	10	0	10	0	19	2	19	40	1	0	0	0	0	1	10	0	61
Finished Aviation Gasoline																	
Refinery	22	0	22	0	123	0	0	123	0	469	0	0	0	469	39	236	889
Bulk Terminal	410	33	443	0	259	76	65	400	60	30	10	8	34	142	8	276	1,269
Pipeline	0	0	0	0	20	0	22	42	0	20	0	0	0	20	5	0	67
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	115	0	0	0	0	115	0	0	115
Total	432	33	465	0	402	76	87	565	175	519	10	8	34	746	52	512	2,340
Naphtha-Type Jet Fuel																	
Refinery	361	0	361	0	0	0	999	999	0	0	0	1,520	0	1,520	287	972	4,139
Bulk Terminal	16	0	16	19	91	24	226	360	159	236	0	43	24	462	13	93	944
Pipeline	328	0	328	3	44	0	31	78	66	0	45	100	210	421	71	464	1,362
Total	705	0	705	22	135	24	1,256	1,437	225	236	45	1,663	234	2,403	371	1,529	6,445
Kerosene-Type Jet Fuel																	
Refinery	1,022	0	1,022	0	2,236	0	0	2,236	0	6,433	0	0	0	6,433	262	3,889	13,842
Bulk Terminal	4,480	96	4,576	110	2,604	631	854	4,199	170	274	86	58	24	612	170	2,307	11,864
Pipeline	2,788	43	2,831	158	816	86	2,103	3,163	380	1,292	465	1,203	28	3,368	113	743	10,218
Total	8,290	139	8,429	268	5,656	717	2,957	9,598	550	7,999	551	1,261	52	10,413	545	6,939	35,924
Kerosene																	
Refinery	0	236	236	0	1,055	0	0	1,055	0	0	0	1,702	0	1,702	70	123	3,186
Bulk Terminal	4,053	332	4,385	219	1,254	63	253	1,789	14	333	31	13	0	391	34	88	6,687
Pipeline	654	17	671	57	251	1	21	330	13	20	220	247	0	500	0	1	1,502

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980 (Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	(s)	0	(s)	1	2	0	0	2
Total	4,707	585	5,292	276	2,560	64	274	3,174	28	353	251	1,962	1	2,595	104	212	11,377
Total Distillate Fuel Oils																	
Refinery	8,394	0	8,394	0	74	0	17,704	17,778	0	0	0	21,470	0	21,470	2,101	6,209	55,952
Bulk Terminal	69,704	3,339	73,043	1,901	17,282	5,803	5,652	30,638	1,521	3,059	2,049	1,427	123	8,179	773	6,037	118,670
Pipeline	8,642	294	8,936	799	3,036	1,177	5,037	10,049	1,720	1,823	2,219	4,341	96	10,199	559	985	30,728
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	4	9	0	15	0	0	16
Total Distillate Fuel Oil	86,740	3,633	90,373	2,700	20,392	6,980	28,394	58,466	3,243	4,882	4,272	27,247	219	39,863	3,433	13,231	205,366
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,307	0	8,307	0	0	0	17,704	17,704	0	0	0	20,823	0	20,823	2,095	6,070	54,999
Bulk Terminal	67,716	3,339	71,055	1,900	17,270	5,803	5,652	30,625	1,521	2,920	1,972	1,309	123	7,845	773	5,854	116,152
Pipeline	8,642	294	8,936	799	3,036	1,177	5,037	10,049	1,720	1,823	2,219	4,341	96	10,199	559	985	30,728
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	4	9	0	15	0	0	16
Total	84,665	3,633	88,298	2,699	20,306	6,980	28,394	58,379	3,243	4,743	4,195	26,482	219	38,882	3,427	12,909	201,895
No. 4 Fuel Oil																	
Refinery	87	0	87	0	74	0	0	74	0	0	0	647	0	647	6	139	953
Bulk Terminal	1,988	0	1,988	1	12	0	0	13	0	139	77	118	0	334	0	183	2,518
Total	2,075	0	2,075	1	86	0	0	87	0	139	77	765	0	981	6	322	3,471
Residual Fuel Oils																	
Refinery	0	5,752	5,752	0	5,426	0	0	5,426	0	0	0	15,272	0	15,272	841	9,829	37,120
Bulk Terminal	39,003	442	39,445	363	1,951	238	1,179	3,731	32	3,806	4,267	320	0	8,425	0	2,716	54,317
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59
Total	39,003	6,194	45,197	363	7,377	238	1,179	9,157	32	3,806	4,267	15,592	0	23,697	841	12,604	91,496
Special Naphthas																	
Refinery	0	107	107	0	449	0	0	449	0	0	0	1,745	0	1,745	13	433	2,747
Bulk Terminal	1,261	17	1,278	140	410	67	133	750	0	0	10	27	0	37	0	80	2,145
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	105	0	0	0	0	105	0	0	105
Total	1,261	124	1,385	140	859	67	133	1,199	105	0	10	1,772	0	1,887	13	513	4,997
Naphtha < 400 Deg. F. Petro. Feed. Use																	
Refinery	115	0	115	0	166	0	0	166	0	0	0	2,901	0	2,901	3	357	3,542
Total	115	0	115	0	166	0	0	166	0	0	0	2,901	0	2,901	3	357	3,542
Other Oils > 400 Deg. F. Petro. Feed. Use																	
Refinery	78	0	78	0	132	0	0	132	0	2,181	0	0	0	2,181	0	57	2,448
Total	78	0	78	0	132	0	0	132	0	2,181	0	0	0	2,181	0	57	2,448
Lubricants																	
Refinery																	
Bright Stock	0	648	648	0	0	0	133	133	0	278	0	0	0	278	2	40	1,101
Neutral	0	1,422	1,422	0	0	0	1,213	1,213	0	0	0	2,394	0	2,394	74	412	5,515
Other	0	1,035	1,035	0	0	0	335	335	0	0	0	2,597	0	2,597	10	138	4,115
Bulk Terminals	1,037	77	1,114	28	503	28	60	619	19	90	176	64	10	359	2	787	2,881
Total	1,037	3,182	4,219	28	503	28	1,741	2,300	19	368	176	5,055	10	5,628	88	1,377	13,612

See footnotes at end of table.

Table 31. Supplemental: Stocks of Crude Oil and Petroleum Products New Basis,[1] December 31, 1980
(Thousands of 42-gallon Barrels) (continued)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	50	0	50	0	0	0	7	7	0	54	0	0	0	54	0	0	111
Total	50	0	50	0	0	0	7	7	0	54	0	0	0	54	0	0	111
Wax, Crystalline--Fully Refined																	
Refinery	14	0	14	0	0	0	29	29	0	0	179	0	0	179	4	19	245
Total	14	0	14	0	0	0	29	29	0	0	179	0	0	179	4	19	245
Wax, Crystalline--Other																	
Refinery	0	43	43	0	6	0	0	6	0	127	0	0	0	127	0	10	186
Total	0	43	43	0	6	0	0	6	0	127	0	0	0	127	0	10	186
Petroleum Coke																	
Refinery	1,044	0	1,044	0	0	0	732	732	759	0	0	0	0	759	515	1,182	4,232
Total	1,044	0	1,044	0	0	0	732	732	759	0	0	0	0	759	515	1,182	4,232
Asphalt																	
Refinery	1,603	0	1,603	0	5,715	0	0	5,715	0	0	0	2,835	0	2,835	1,641	1,587	13,381
Bulk Terminal	2,749	385	3,134	95	684	576	154	1,509	0	0	226	90	0	316	0	496	5,455
Total	4,352	385	4,737	95	6,399	576	154	7,224	0	0	226	2,925	0	3,151	1,641	2,083	18,836
Road Oil																	
Refinery	0	0	0	0	216	0	0	216	0	0	0	2	0	2	7	30	255
Total	0	0	0	0	216	0	0	216	0	0	0	2	0	2	7	30	255
All Other Products																	
Refinery	16	250	266	0	515	0	16	531	244	0	0	752	0	996	0	296	2,089
Bulk Terminal	25	1	26	0	21	5	8	34	0	0	0	26	0	26	0	14	100
Pipeline	1	6	7	5	2	0	0	7	0	0	0	0	0	0	0	0	14
Natural Gas Processing Plant	0	0	0	0	2	0	(s)	2	25	8	1	17	(s)	52	1	0	54
Total	42	257	299	5	540	5	24	574	269	8	1	795	(s)	1,074	1	310	2,257
Total Stocks, All Oils	--	--	275,956	--	--	--	--	333,270	--	--	--	--	--	591,284	36,802	187,940	1,425,251

[1] See "Explanatory Notes" on change for 1981 data.

[2] Crude oil data are not collected by refinery district.

[3] Includes lease stock adjustment based upon data published by state agencies.

[4] Refinery stocks of ethane include ethylene, refinery stocks of propane include propylene, and refinery stocks of butane include butylene.

[5] Total motor gasoline includes only finished motor gasoline. Blending components, included in these totals in 1980 issues, are now shown separately.

(s) Less than 500 barrels.

Note Total may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report", and Form EIA-90, "Crude Oil Stocks Report."

-- Not Applicable.

Explanatory Notes

Note 1.1. EIA-64: Natural Gas Liquids Operations Report

Background

The EIA-64, "Natural Gas Liquids Operations Report" evolved from a survey designed and conducted by the United States Geological Survey beginning in 1911. This form collects data on the production and storage of natural gas plant liquids at natural gas processing plants and fractionators.

Description of Survey

Universe

The universe includes all operators of facilities designed to: (1) extract liquid hydrocarbons from natural gas streams (natural gas processing plants); (2) separate a combined products liquid hydrocarbon stream into its component products, i.e. propane, butane, natural gasoline, etc. (fractionators); or (3) store the liquid hydrocarbon output of plants and fractionators.

The mailing list is automated. It is maintained by matching periodically with the *LP Gas Almanac* listings (including supplements) and the *Oil and Gas Journal* Processing Plant Survey listings, and by making changes reported by the respondents.

Information Collected

The data are submitted monthly by facility and include all products that the company controls through possession, regardless of ownership. The main items of information collected by the EIA-64 are shown by the example of the form presented below.

Collection Methods

Completed reports are required to be postmarked 20 days following the last day of the report month. Follow-up telephone calls are made to nonrespondents in order to collect data before publication of the aggregated data.

Imputing Missing Data

Imputation is performed only for companies that submitted a report in the previous month. For such companies, previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. The value of shipments is adjusted to balance stock level, production, receipts, plant fuel use, and losses. In the event that the previous month's data were estimated, the respondent is contacted and requested to submit estimates, if necessary, to be followed by a submission of actual data.

Response Rates

The initial response rate averages 85 percent, with a final response averaging 98 percent as a result of telephone follow-up procedures.

Data Processing

Upon receipt, the reports are reviewed for identification section omissions, duplicate submissions, and identification information changes. The data are then entered and edited. The edit program includes checks for invalid data entry codes, range checks for current-month to previous-month changes (absolute and relative), calculation errors, line balancing errors, etc. Telephone calls are made to respondents to resolve questions.

EIA-64

U.S. Department of Energy
Energy Information Administration
Mail Station: BG-086 Forstl
Washington, D.C. 20585

Natural Gas Liquids Operations Report

This Report is Mandatory Under Public Law 93 275. Failure to Comply may Result in Criminal Fines, Civil Penalties and Other Sanctions as Provided by Law

Report Type: B 1 0
EIA Company Identification Number ☐☐☐☐☐☐
Report Date (Last Day of Reporting Month) ☐☐ Mo ☐☐ Yr
Zip Code of Plant Location ☐☐☐☐☐
If Resubmission, Insert X in Block ☐
For DOE Use Only ☐
Plant Name ____________

Form Approved
OMB No.1905-0109

Section 1. Natural Gas Processing Plant and Fractionator Operations (Barrels of 42 Gallons)

Products	Product Code	Stocks Beginning of Month (a)	Receipts During Month (b)	Inputs During Month (c)	Production During Month (d)	Shipments To: Fractionating Facility (e)	Storage Facility (f)	Refinery (g)	Chemical Plant (h)	Other (i)	Plant Fuel Use (k)	Losses (m)	Stocks End of Month (n)
Ethane	110												
Propane	231												
Ethane-Propane Mix	241												
Isobutane	233												
Normal Butane	235												
Other Butanes	236												
Butane-Propane Mix	234												
Isopentane	240												
Natural Gasoline													
14# and Less RVP	228												
Over 14# RVP	229												
Plant Condensate	210												
Unfractionated Stream	227												
Gasoline													
Finished Aviation	111												
Finished Leaded	132												
Finished Unleaded	133												
Gasohol	135												
Special Naphthas	051												
Jet Fuel													
Naphtha Type	211												
Kerosene Type	213												
Kerosene	311												
Distillate Fuel Oil	412												
Other Products (Specify)													
Overage (Inputs) or Shortage (Production)	911	X	X			X	X	X	X	X	X	X	X

Note 1.2. EIA–87, 88, 89 and 90: Joint Petroleum Reporting System

Background

The Joint Petroleum Reporting System (JPRS) comprises four surveys: the "Refinery Report" (EIA–87); the "Bulk Terminal Stocks Report" (EIA–88); the "Pipeline Products Report" (EIA–89); and the "Crude Oil Stocks Report" (EIA–90). This group of forms collects data on petroleum refinery operations and on storage of crude oil and petroleum products. The origins of JPRS lie in the voluntary petroleum reporting systems instituted by the Bureau of Mines (BOM) soon after it was established as a part of the Department of the Interior in May 1910.

Description of Survey

Universe

The respondent universe of each JPRS survey is defined as follows:

EIA–87: All petroleum refineries and plants producing finished motor gasoline through the mechanical blending of liquids which are operated or controlled in the 50 States, the District of Columbia, Puerto Rico, theVirgin Islands, Hawaiian Foreign Trade Zone, and Guam.

EIA–88: All bulk terminal facilities in the 50 States and the District of Columbia, Puerto Rico, and the Virgin Islands that (a) have total bulk storage capacity of 50,000 barrels or more and/or (b) receive petroleum products by tanker, barge, or pipeline regardless of ownership of the material.

EIA–89: All products pipeline companies that carry petroleum products (including interstate, intrastate and intracompany pipelines) in the 50 States and the District of Columbia.

EIA–90: Crude oil pipeline companies (gathering and trunk pipeline companies), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water (in excess of 1,000 barrels), regardless of ownership in the 50 States and the District of Columbia.

The list of respondents is kept current by checking for new respondents in the *Oil and Gas Journal* weekly magazine; newspaper articles; the Office of Resource Applications publication "Trends in Refinery Capacity & Utilization;" the Office of Refinery Operations (ERA) list of U.S. Refineries; and the annual survey EIA–177 "Capacity of Petroleum Refineries."

Information Collected

The main items of information collected by EIA–87 are shown by the example presented below. The EIA–88 and EIA–89 collect data on petroleum product stocks. The EIA–90 collects data on crude oil stocks and crude oil used directly as fuel.

Collection Methods

The data for the JPRS surveys are collected on a monthly basis. Completed forms are required to be postmarked by the 20th day following the report month. Telephone follow-up calls are made to nonrespondents in order to collect data before publication deadline. An automated mailing list is maintained and is used to monitor receipt of the forms.

Imputing Missing Data

Imputing is performed only for companies that submitted a report in the previous month. For these companies, the previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. The value of shipments is adjusted to balance stock level, production receipts, and losses. In the event that previous month's data were estimated, the respondent is contacted and requested to submit estimates if necessary, to be followed by a submission of actual data.

Yr. Mo.

SECTION 6. REFINERY STOCKS, RECEIPTS, INPUTS, PRODUCTION, SHIPMENTS AND REFINERY FUEL USE AND LOSSES

(Thousands of Barrels of 42 Gallons)

ITEM DESCRIPTION	PRODUCT CODE	STOCKS BEGINNING OF MONTH A	RECEIPTS DURING MONTH B	INPUTS DURING MONTH C	PRODUCTION DURING MONTH D	SHIPMENTS DURING MONTH E	REFINERY FUEL USE AND LOSSES DURING MONTH F	STOCKS END OF MONTH G
Crude oil (incl. lease condensate) Total (sum of codes 010 and 020)	050				X			
Domestic (incl. Alaskan)	010	X		X	X	X	X	X
Foreign	020	X		X	X	X	X	X
Alaskan	011	X		X	X	X	X	X
Products of natural gas proc. plants Ethane	110				X			
Propane	231				X			
Ethane-propane mixtures	241				X			
Isobutane	233				X			
Normal butane	235				X			
Other butanes	236				X			
Butane propane mixtures	234				X			
Natural gasoline and isopentane	220				X			
Plant condensate	210				X			
Unfractionated stream	227				X			
Other hydrocarbons and hydrogen	090				X			
Alcohol	091				X			
Unfinished oils	812							
Gasoline Finished leaded, motor	132							
Finished unleaded, motor	133							
Blending components, motor	134							
Gasohol	135							
Finished aviation	111							
Blending components, aviation	112							
Special naphthas (solvents)	051							
Jet fuel Naphtha-type	211							
Kerosene-type	213							
Kerosene (incl. range oil)	311							
Distillate fuel oil, Less No. 4	412							
No. 4 fuel oil	414							
Residual fuel oil	511							
Lubricating oils Bright stock	853							
Neutral	855							
Other	859							
Asphalt	900							
Wax Microcrystalline	061							
Crystalline-fully refined	071							
Crystalline-other	081							
Petroleum coke Marketable	021							
Catalyst	022							X
Road oil	031							
Still gas Petrochemical feedstock use	042	X						X
Other use	044	X						X
Ethane and/or ethylene Petrochemical feedstock use	612							
Other use	652							
Propane and/or propylene Petrochemical feedstock use	613							
Other use	653							
Butane and/or butylene Petrochemical feedstock use	614							
Other use	654							
Butane-propane mixtures Petrochemical feedstock use	616							
Other use	656							
Isobutane petrochemical feedstock use	615							
Naphtha less than 400° end point Petrochemical feedstock use	822							
Other oils over 400° end point Petrochemical feedstock use	824							
Other finished products Non - fuel use	097							
Fuel Use	098							
Overage (Inputs) or shortage (production)	911	X	X			X	X	X
TOTAL	999	X	X			X	X	X

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Response Rates

As of the filing deadline, the response rate of the JPRS respondents is over 90 percent. All companies that have not responded are contacted by telephone. Although data are taken by telephone to expedite processing, a certified submission is still required. Thirty calendar days after the report month, data for companies that still fail to file the form are estimated based on prior month's data. Names of companies that fail to file for two consecutive months are forwarded to DOE for further noncompliance action. Final response rate is 100 percent.

Note 1.3. EIA-170: Tanker and Barge Shipments of Crude Oil and Petroleum Products Between Districts

Background

The EIA-170 survey collects data for calculation of monthly petroleum supply and disposition figures on U.S. and PAD District levels.

Instrument and Design

This form is designed to collect data on total movements by tanker and barge of crude oil and petroleum products between PAD Districts or between PAD Districts and the Panama Canal, by shipping State and receiving State.

Universe

The respondent universe of the EIA-170 consists of all known companies and plants that have custody of crude oil and petroleum products transported by tanker and barge between PAD Districts or between PAD Districts and the Panama Canal. There are currently about 60 respondents.

Collection Methods

Survey data are collected by mail every month. The filing deadline is the 20th calendar day of the month following the report period. The response rate as of the filing deadline is about 98 percent. Late respondents are contacted by telephone. All responses are processed each month before release of the data for publication.

Note 1.4. ERA-60: Reports of Oil Imports into the United States and Puerto Rico

Background

The "Report of Oil Imports into the United States and Puerto Rico" (ERA-60) survey was designed by the Economic Regulatory Administration (ERA) of the Department of Energy to collect data on port of entry, country of origin, destination, and quantity of imported crude oil and petroleum products, as well as sulfur content and API gravity. All licensed importers and importers of record are required to report. The "Shipments of Refined Products from Puerto Rico to the United States" (P-133-M-0) survey was designed to collect data on imports to the United States that are not covered by the ERA-60.

Universe

The monthly submission of Form ERA-60 and P-133-M-0 is required by all licensed importers and importers of record into the United States and Puerto Rico. The respondent universe consisted of approximately 750 firms as of June 30, 1981. The respondent universe for these surveys is updated whenever an import license is granted by the Office of Oil Imports of the ERA.

Collection Methods

The survey data are collected by mail each month. It is mandatory for each respondent to file the

ERA-60/P-133-M-0 by the 15th working day of the month following the reporting period. Resubmissions are received frequently and are processed when received.

Response Rates

In December 1980, the survey had a response rate of 92 percent by the filing deadline. The universe was 640 at that time. (Because this is a dynamic survey, the universe is constantly changing.) Standard followup of nonrespondents is made to insure that all reports are received, since data are not imputed for nonrespondents. Response rate is generally 98-99 percent by the time the data are first published. Revised publications are not generated as standard operating procedure. The ERA-60 file is never closed; resubmissions are constantly received and processed.

Note 1.5. Census Import (IM-145) and Export (EM-522 and EM-594) Tabulations

The foreign trade statistics program, conducted by the Bureau of the Census, involves compilation and dissemination of a large body of data relating to the imports and exports of the United States.

Import Statistics

Coverage

The import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. Customs territory (includes the 50 States, the District of Columbia, and Puerto Rico), without regard to whether or not a commercial transaction is involved. In general, the statistics record the physical movement of merchandise into the United States from foreign countries, with the exception of the following types of transactions that are excluded from the statistics:

1. Merchandise shipped in transit through the United States, when documented with Customs as an intransit movement.

2. Shipments between the United States and Puerto Rico, the Virgin Islands, Guam, American Samoa, and other U.S. possessions; shipments between any of these outlying areas; and imports into U.S. possessions from foreign countries.

3. U.S. merchandise returned by U.S. Armed Forces for their own use.

Source of Import Information

The official U.S. import statistics are compiled by the Bureau of the Census from copies of the import entry and warehouse withdrawal forms that importers are required by law to file with Customs officials (Customs Forms 7501-7505).

Imported petroleum is reported as "Imports for Consumption." Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. With certain exceptions as indicated above, these data generally reflect the total of commodities entered into U.S. consumption channels.

Country and Area of Origin

The country reported in the statistics as the country of origin is defined as the country where the merchandise was grown, mined, or manufactured. In instances where the country of origin cannot be determined, the transactions are credited to the country of shipment.

Export Statistics

Coverage

The export statistics reflect both government and nongovernment exports of domestic and foreign merchandise from the U.S. Customs territory (includes the 50 States, the District of Columbia, and

Puerto Rico) to foreign countries, without regard to whether or not the exportation involves a commercial transaction. In general, the statistics record the physical movement of merchandise out of the United States to foreign countries, with the exception of the following types of transactions:

1. Shipments between the United States and Puerto Rico, the Virgin Islands, Guam, American Samoa, and other U.S. possessions; between any of these outlying areas; and shipments from U.S. possessions to foreign countries.

2. Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.

3. Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

Source of Export Information

The official U.S. export statistics are compiled by the Bureau of the Census primarily from copies of Shipper's Export Declaration. Shipper's Export Declarations are required to be filed with Customs officials, except when qualified exporters have been authorized to submit data in the form of magnetic tape, punched cards, or monthly Shipper's Summary Export Declarations directly to the Bureau of the Census.

Country and Area of Destination

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

Note 2. Estimation

The geographic coverage of all estimates is the 50 United States and the District of Columbia, including adjacent areas of the outer continental shelf, excluding the Hawaiian Foreign Trade Zone.

Note 2.1. Supply

The components of petroleum supply are field production, refinery production, imports, stock withdrawal or addition, crude oil used directly, and losses.

Field Production is the sum of crude oil (including lease condensate) production, natural gas processing plant production, and new supply (field production) of other liquids used by refineries.

Crude oil production is estimated based on data received from State conservation and revenue agencies.

Field production of natural gas plant liquids (NGPL), including finished petroleum products, is reported monthly on survey Form EIA-64, "Natural Gas Liquids Operations Report." Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. For survey description and other detail, see Explanatory Note 1.1.

Refinery Production of LRGs, ethane, and finished petroleum products is reported monthly on survey Form EIA-87, "Refinery Report." Published production of these products equals refinery production minus refinery input. Refinery production of unfinished oils and of motor and aviation gasoline blending components appears on a net basis under refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. It should also be noted that refineries do not report production of crude oil, natural gasoline, isopentane, unfractionated stream, plant condensate, or other hydrocarbons and alcohol.

Imports of crude oil and petroleum products are reported monthly on Form ERA–60, "Report of Oil Imports into the United States and Puerto Rico," and Form P–133–M–0, "Shipments of Refined Products (including unfinished oils) from Puerto Rico to the United States." In addition, the Census Bureau Tabulation IM–145 summarizes import data from Customs import declarations reported on Customs Forms 7501 and 7505. The most prominent difference between the EIA and Census systems appears in imports of liquefied petroleum gases (LPG), where Census data show a much higher level of imports than Energy Information Administration data. This occurs because the ERA–60 respondent frame was built by monitoring importers of licensed products and because LPGs are not licensed products. Therefore, respondents that only import LPGs have not been identified, and do not report these imports to the Department of Energy. Since these importers are required to file form 7501 with the U.S. Customs Service, EIA obtains data on imports of LPGs from Census Tabulation IM–145. Additional data taken from the IM–145 are relatively small quantities of naphtha and kerosene-type jet fuels, distillate fuel oils, and residual fuel oils withdrawn from bonded storage for use in international trade and for military offshore use. Even though these duty-free fuels are stored on United States shores, they did not enter the United States for domestic consumption and therefore are not included in the ERA–60 reporting system.

Stock Withdrawal (+) or Addition (-) is calculated by subtracting stocks at the end of the month from stocks at the beginning of the month. (Note: The beginning stocks of one month are equal to the ending stocks of the previous month.) A positive result (+) would represent a withdrawal from stocks and an increase in petroleum supplies distributed for domestic consumption. A negative result (-) would represent a buildup of stocks and reduce petroleum supplies distributed for domestic consumption. For a description of survey forms used to make stock withdrawal or addition calculations see Explanatory Note 2.4.

Unaccounted-for Crude Oil is a balancing item that represents the difference between crude oil supply and disposition. Crude oil supply is the sum of field production, imports and stock withdrawal or addition, less crude used directly and losses. Crude oil disposition is the sum of exports and refinery input.

Unaccounted-for crude oil is calculated by subtracting crude oil supplies from crude oil disposition. A positive result indicates that refiners and exporters reported use of more crude oil than was reported to have been available to them. (This occurs, for example, when imports are undercounted due to late reporting or other problems.) A negative result would indicate that more crude oil was reported to have been supplied to refiners and exporters than they reported used. This calculation is performed for crude oil to ensure that product supplied for crude oil is always zero.

Crude Oil Used Directly and Losses is the sum of crude oil losses at refineries, crude oil burned at refineries, and crude oil burned on leases. Crude oil losses and consumption at refineries are reported on Form EIA–87, "Refinery Report." Crude oil burned on leases is reported on Form EIA–90, "Crude Oil Stocks Report." Crude oil burned on leases is divided into two categories: crude burned as residual fuel oil and crude burned as distillate fuel oil. Crude burned on leases appears as a negative supply to crude oil (a reduction in crude oil supplies) and as a positive supply to residual and distillate fuel oil (an increase to these supplies).

Note 2.2. Domestic Crude Oil Production

Data for the Crude Oil Production System (COPS) are reported to the Department of Energy by each of the individual State conservation agencies, which collect crude oil production values for tax purposes. In addition, the U.S. Geological Survey reports the volume of crude oil that is produced offshore in Federally-owned waters. With the exception of six State conservation agencies, all of these reports are received monthly. After each calendar year, these monthly numbers are updated using the annual reports from the State conservation agencies and the U.S. Geological Survey. The six States that do not report monthly values are Indiana, New York, Ohio, Pennsylvania, West Virginia, and Wyoming. Monthly values are estimated for these States using the individual linear trends of their historical annual crude oil production values.

Note 2.3. Disposition

The components of petroleum disposition are refinery input, exports, and products supplied for domestic consumption.

Refinery Inputs of crude oil, NGPL and other liquids are reported monthly on survey Form EIA–87, "Refinery Report." Published inputs of unfinished oils, and motor and aviation gasoline blending components, equal refinery input minus refinery output. Refinery inputs of finished petroleum products are reported on a net basis under refinery production.

Exports of crude oil and petroleum products are compiled from Census Bureau tabulations EM522 and EM594. Exports include crude oil shipments to Puerto Rico, the Virgin Islands, and the Hawaiian Foreign Trade Zone, which are obtained from refinery receipts reported on Form EIA–87.

Product supplied for each product is calculated by summing field production plus refinery production, plus imports, plus stock withdrawal or minus stock addition, plus crude oil used directly and losses (plus net receipts when calculated on a PAD District basis), minus refinery input, minus exports. This formula ensures that total disposition equals total supply. Products supplied indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative when total disposition of that product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported, (2) misreporting or delayed reporting of data, and (3) for calculations on a PAD District basis, incomplete coverage of interdistrict movements data compiled to calculate net receipts.

Note 2.4. Stocks

Primary stocks of crude oil are the sum of ending stocks reported monthly on Form EIA–87, "Refinery Report," and Form EIA–90, "Crude Oil Stocks Report." Crude oil held in the Strategic Petroleum Reserve is included unless otherwise noted. Alaskan crude oil in transit is also included. Primary stocks of petroleum products are summed from data reported on the Form EIA–64, "Natural Gas Liquids Operations Report," Form EIA–89, "Pipeline Products Stocks Report." Primary stocks of petroleum products do not include secondary stocks held by dealers and jobbers, or stocks held by consumers.

Note 2.5. Average Stock Levels

The graphs displaying monthly stock levels of petroleum products, crude oil, motor gasoline, distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products provide the user with recent data as well as a summary of data from the most recent 3 year period from January through December or from July through June. This summary takes the form of an "average range" that includes seasonal variation determined from a longer time period. The average range represents the historical pattern; it is not a forecast.

These curves are updated every 6 months effective January 1 or July 1 by basing the "average ranges" on a more recent time period. At that time, each 3-year data series will be adjusted by dropping the first 6 months and including the most recent 6 months.

For each data series, the monthly season factors were estimated by means of a seasonal adjustment technique developed at the Bureau of Census (Census X–11). The seasonal factors were assumed to be stable (i.e., unchanging from year to year) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported stock levels). The intent of deseasonalization is to remove only seasonal variation from the data. Thus, a deseasonalized series would contain the same trends and irregularities as the original data. For crude oil stocks, the derived seasonal factors were very small relative to crude oil stock levels. Therefore, the seasonal factors for crude oil stock levels were set to zero. The seasonal factors for total petroleum (crude and products), distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products were derived using monthly data from 1974–1980. For motor gasoline, the seasonal factors were based on monthly data from 1975, 1976, 1978, 1979 and 1980. In 1977, there was virtually no seasonal behavior in motor gasoline stocks. Monthly stock levels stayed at the same high level for the entire year. In addition, the seasonal patterns in 1973 and 1974 appeared to be different from those in recent years. It was therefore assumed that the seasonal patterns in 1973, 1974, and 1977 were not representative of the recent past, and these years were not used in the determination of seasonal patterns for motor gasoline stocks. Because of these differences in the year-to-year seasonal fluctuation of motor gasoline, the evidence for the illustrated seasonal patterns for total petroleum (crude and products), crude oil, distillate fuel oil, residual fuel oil, liquefied petroleum gases and ethane, and other products is stronger than is the evidence for the illustrated seasonal patterns for motor gasoline.

In some cases, these seasonal patterns do not show a smooth transition from month to month. For example, the June factor for residual fuel oil is slightly less than the May and July values, making a bump in the curve. As there is little difference in the magnitude of these seasonal factors, it is possible that this variation is due to the small number of observations (7 years) and the data variability.

After seasonal factors are derived, the most recent 3 year period (from January through December or from July through June) is deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard error of the deseasonalized 36 months is calculated adjusting for extreme data points. The width of the "average range" is twice this standard error.

The upper curve of the "average range" is defined as the average plus the seasonal factors plus the standard error. The lower curve is defined as the average plus the seasonal factors minus the standard error.

Note 2.6. Movements

Movements of crude oil between PAD Districts are reported on Form EIA–170, "Tanker and Barge Report." Petroleum product movements are reported on Forms EIA–170 and EIA–89, "Pipeline Products Report." Net receipts are calculated by summing total movements into and total movements from each PAD District by pipelines, tankers, and barges, and subtracting for the difference. Movements of crude oil by pipeline are not reported. For survey descriptions and other detail, see Explanatory Notes 1.2 and 1.3.

Note 3. Accuracy of Petroleum Supply Data

Early in 1981, the Energy Information Administration completed an assessment of the accuracy of principal petroleum supply data series.[1] This assessment concentrated on two methods of analysis:

- Comparisons between EIA's final annual estimates published in the *Petroleum Statement, Annual (PSA)* and annual estimates from independent sources.

- Comparisons between EIA's final monthly estimates published in the *PSA* and *EIA's* earlier estimates published in the *Monthly Petroleum Statistics Report* and the *Petroleum Statement, Monthly* (predecessor of the *Monthly Petroleum Statement).*

Selected excerpts from these comparisons are presented below.

Comparisons of Annual Estimates

All of the systems that provide data for *Petroleum Supply Monthly,* except for the weekly systems, try to collect data from the entire universe of their potential respondents. They do not sample, and have no sampling errors. Inaccuracies in the data still occur because of problems such as incomplete lists of respondents, errors in the responses, and conceptual errors in the design of the data systems. Such inaccuracies are hard to identify and even harder to quantify. Some understanding of the overall accuracy of the estimates can be achieved by comparing estimates derived from independent sources of data, as shown in the following tables. Close agreements among annual estimates from several independent sources support the conclusion that the estimates are accurate, and accuracy in the annual estimates implies accuracy in the monthly estimates that comprise the annual estimates.

Crude Oil Production

Comparisons among independent estimates of annual crude oil and lease condensate production lead to the conclusion that the *PSA* estimates are probably accurate to within 1 percent.

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[1] *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration,* DOE/EIA-0290, June 1981.

Crude Oil Imports

Comparisons among independent estimates of annual crude oil imports lead to the conclusion that the *PSA* estimates are probably accurate to within 1 percent. This conclusion is supported by a study of EIA and Customs/Census import data performed for EIA.[2]

Motor Gasoline Supplied

Comparisons among independent estimates of the annual volume of motor gasoline supplied for domestic use show that differences in the estimates grew between 1977 and 1979. By 1979, the EIA estimate of sales by refiners and the Environmental Protection Agency's estimate of production had grown about 5–7 percent larger than the comparable *PSA*, Lundberg, and American Petroleum Institute (API) estimates. Research conducted by EIA in 1979 and 1980[3] confirmed that the lower estimates were inaccurate, and identified changes in the petroleum industry that had an adverse effect on the *PSA* estimate. During 1980, EIA developed and tested improved procedures for collecting petroleum supply data, and implemented them in January 1981. (See Explanatory Note 4.)

Distillate Fuel Oil Supplied

Comparisons among independent estimates of the annual volume of distillate fuel oil supplied for domestic use lead to the conclusion that the *PSA* estimates are probably accurate to within 1 to 2 percent.

Residual Fuel Oil Supplied

Comparisons among independent estimates of the annual volume of residual fuel oil supplied for domestic use seem to show sizable and consistent differences between the EIA estimates of sales by refiners and the *PSA* and API estimates. When imports of residual fuel oil by nonrefiners are added to the refiner sales, however, the difference between refiner sales and the *PSA estimates are narrowed to within 1 percent.* The comparisons therefore lead to the conclusion that the *PSA* estimates are probably accurate to within 1 to 2 percent.

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[2] Maxima Corporation, *Petroleum Imports Reporting Systems, Preliminary Draft,* (Silver Spring, Maryland: February 1980). Prepared for the Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, Washington, D.C.

[3] Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, *An Evaluation of Published EIA Gasoline Supply Estimates* (Washington, D.C.: April 1980).

Comparison of Estimates of the Volume of Crude Oil and Lease Condensate Production, 1977-1979

	Estimated Volume of Production in Millions of 42-U.S. Gallon Barrels[a]			Comparative Estimate as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual* [b]	3,121	3,178	3,009	///	///	///
Comparative Estimates						
American Petroleum Institute Estimate from API Monthly Statistical Report[c]	3,130	3,214	3,021	100.3%	101.1%	100.4%
Census Estimate from the Annual Survey of Oil and Gas[d]	—	3,148	3,016	—	99.1%	100.2%
Oil and Gas Journal Estimates[e] of Total Production derived from Monthly Data	3,168	3,165	3,005	101.5%	99.6%	99.9%
EIA Estimate from Annual Survey of Oil and Gas Reserves (EIA-23)[f]	3,102	3,144	3,001	99.4%	98.9%	99.7%

/// = Not applicable
— = Not available

[a] Volumes are rounded to the nearest million barrels.

[b] From Table 6 in EIA's *Petroleum Statement Annual*, 1977, 1978, 1979.

[c] From issues of the American Petroleum Institute's *Monthly Statistical Report*. The annual values were obtained by summing the monthly values for each of the 12-month periods.

[d] From Table 1, p. 2 of the Bureau of Census' *Annual Survey of Oil and Gas*, 1978.

[e] From issues of the *Oil and Gas Journal*. Monthly estimates are in thousands of barrels per day. They are converted to millions of barrels by dividing by 1,000 and multiplying by the number of days in the reporting period.

[f] From EIA's *U.S. Crude Oil and Natural Gas Reserves 1979 Annual Report* (Table 19, p. 33), *1978 Annual Report* (Table 16, p. 20), and *1977 Annual Report* (Table 22, p. 36).

Geographic coverage: the 50 United States and District of Columbia with adjacent areas of the Outer Continental shelf.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*. DOE/EIA-0292.

Comparison of Estimates of the Volume of Crude Oil Imports, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Comparative Estimate as a Percent of the Primary Estimate		
	1979	**1978**	**1977**	**1979**	**1978**	**1977**
EIA Estimate of Receipts at Ports of Entry (ERA-60) from *Petroleum Statement, Annual*[b]	2,380	2,320	2,414	///	///	///
Comparative Estimates						
American Petroleum Institute Estimate of Receipts as Reported by Refiners[c]	2,346	2,323	2,360	98.6%	100.1%	97.8%
Customs/Census Estimate of Receipts at Ports of Entry (Customs Forms 7501 and 7502)[d]	2,415	2,338	2,431	101.5%	100.8%	100.7%
EIA Estimate of Inputs of Foreign Crude at Refineries (EIA-87)[e]	2,364	2,334	2,431	99.3%	100.6%	100.7%

/// = Not applicable

[a] Volumes are rounded to the nearest million barrels.

[b] From Table 1 in EIA's *Petroleum Statement, Annual* 1977, 1978, 1979. This table also includes imports for the Strategic Petroleum Reserve (SPR) which were 7.5 million in 1977, 58.8 million in 1978, and 24.4 million in 1979.

[c] Estimate equals the sum of the annual estimate of imports derived from API's *Monthly Statistics Report* (which excludes imports for SPR), and the EIA estimates for imports for the SPR which are listed in footnote b above. The annual estimates from API data are equal to the sum of the API monthly estimates weighted by the number of days in each month.

[d] Data on imports to Puerto Rico which are included in the source for these estimates have been excluded from these estimates in keeping with the geographic coverage of the table. Data are from computer printouts of the Bureau of Census Report IM-245-X dated April 3, 1980 (1977 and 1978 data) and December 19, 1980 (1979 data).

[e] Estimate equals refinery inputs of foreign crude plus (minus) stock increases (decreases) of foreign crude. The data for the computation are published in EIA's Petroleum Statement, Annuals. The stock changes (all increases) are derived from data on stocks of crude oil at refineries, bulk terminals, and pipelines as reported on Form EIA-90, plus the increase in the SPR. This estimate excludes crude oil imported and not used as refinery input.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Motor Gasoline Supplies for Domestic Use, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	2,573	2,711	2,625	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	2,708	2,792	2,671	105.2%	103.0%	101.8%
Environmental Protection Agency Estimate derived from Production Data[d]	2,766	2,851	2,706	107.5%	105.2%	103.1%
Lundberg Surveys, Inc. Estimate of U.S. Motor Gasoline Sales[e]	2,631	2,746	2,656	102.3%	101.3%	101.2%
American Petroleum Institute Estimate of Deliveries[f]	2,579	2,697	2,612	100.2%	99.5%	99.5%

/// = Not applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived from Table 2 in EIA's *Petroleum Statement, Annual*, 1977, 1978, 1979.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products* 1977, 1978, 1979.

[d] The estimate shown is derived by substituting EIA Domestic Production values with values of domestic production tabulated from the Environmental Protection Agency Bq. Form 3520-2, "Lead Additive Report for Refineries." The EPA production estimates are 2,694 million barrels in 1977, 2,757 in 1978, and 2,648 in 1979 as computed from a summary sheet provided by Mr. Bob Summerhayes of EPA.

[e] From the mid-June issues of the "National Petroleum News," 1979 and 1980.

[f] API publishes monthly estimates in thousands of barrels per month of the volume of motor gasoline delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of motor gasoline multiplied by the number of days per month.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Distillate Fuel Oil (Including Kerosene) Supplied for Domestic Use, 1977-1979

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimate		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	1,269	1,307	1,275	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	1,282	1,275	1,242	101.0%	97.6%	97.4%
American Petroleum Institute Estimate of Deliveries[d]	1,291	1,300	1,277	101.7%	99.5%	100.2%

/// = Not applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived from Table 2 in EIA's *Petroleum Statement Annual*, 1977, 1978, 1979.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products*, 1977, 1978, 1979.

[d] API publishes monthly estimates in thousands of barrels per month of the volume of distillate and kerosene delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of distillate and kerosene multiplied by the number of days per month.

Geographic coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparison of Estimates of the Volume of Residual Fuel Oil Supplied for Domestic Use, 1977-1979.

	Volume in Millions of 42-U.S. Gallon Barrels[a]			Volume Supplied as a Percent of the PSA Estimates		
	1979	1978	1977	1979	1978	1977
EIA Estimate from *Petroleum Statement, Annual*[b]	1,024	1,095	1,109	///	///	///
Comparative Estimates						
EIA Estimate of Sales by Refiners (P-306)[c]	796	832	847	80.8%	79.6%	80.1%
American Petroleum Institute Estimate of Deliveries[d]	1,044	1,101	1,114	102.0%	100.5%	100.4%

/// = Not Applicable

[a] Volumes are rounded to the nearest million 42-U.S. gallon barrels.

[b] Derived From Table 2 in EIA's *Petroleum Statement, Annual*, 1977, 1978, 1979. Refinery fuel use, subtracted from the figures in the source referenced below, has been reinstated in these estimates.

[c] Derived from Table 1 of EIA's December issue of *Petroleum Market Shares, Report on Sales of Refined Petroleum Products*, 1977, 1978, 1979.

[d] API publishes monthly estimates in thousands of barrels per month of the volume of residual fuel oil delivered from primary storage. The initial published monthly estimate is derived from API sources, but in later API publications the estimates are revised using EIA data. The values shown in the table are equal to the sums of the initial published API monthly estimates of residual fuel oil multiplied by the number of days per month.

Geographic Coverage: the 50 United States and the District of Columbia.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Comparisons of Monthly Estimates Over Time

Inaccuracies in petroleum data resulting from incomplete or delayed reports from respondents and from data processing errors are usually eliminated from the final *PSA* estimates. Such inaccuracies can still have important effects on the monthly estimates published in the *Petroleum Supply Monthly* and its predecessors. The following tables compare the initial monthly estimates published in the *Monthly Petroleum Statistics Report* and the *Petroleum Statement, Monthly* with the final monthly estimates published in the *PSA*. During 1977–1979, the *Monthly Petroleum Statistics Report* was published about 60 days after the end of the reporting month, and the *Petroleum Statement, Monthly* was published about 120-150 days after the end of the reporting month. The tables show that, both in terms of bias and in terms of standard deviation, the later estimates are consistently more accurate than the earlier estimates. In spite of this, the earlier estimates may have been more valuable to users of energy information because of the large difference in timeliness.

Initial Monthly Estimates of Production, Stocks, and Imports of Crude Oil As A Percent of EIA's Final Published Estimates.[a]
January 1977 – December 1979

	Production During Month		Primary Stocks At End of Month		Imports During Month	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	# 98.7%	1.6%	# 98.3%	1.4%	# 95.4%	2.4%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	# 99.6%	0.6%	100.0%	0.1%	# 98.4%	1.3%

Initial Monthly Estimates of Products Supplied for Domestic Use as A Percent of EIA's Final Published Estimates,[a]
January 1977 – December 1979

	Motor Gasoline		Distillate Fuel Oil		Residual Fuel Oil	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	99.9%	1.3%	99.9%	2.3%	# 97.9%	2.7%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	100.0%	0.3%	99.7%	0.5%	99.4%	1.2%

Initial Monthly Estimates of End-of-Month Primary Stocks As a Percent of EIA's Final Published Estimates,[a]
January 1977 – December 1979

	Motor Gasoline		Distillate Fuel Oil		Residual Fuel Oil	
	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation	Mean Percent	Standard Deviation
EIA's Estimates from the *Monthly Petroleum Statistics Report*[b]	99.7%	0.8%	99.7%	1.1%	100.1%	0.7%
EIA's Estimates from the *Petroleum Statement, Monthly*[c]	99.9%	0.2%	100.0%	0.1%	100.1%	0.5%

# Represents a difference from 100% found to be statistically significant at the 95% level of confidence (n = 36).

[a] Final monthly estimates are from the *Petroleum Statement, Annual* for 1977, 1978 and 1979. The mean percent is calculated as follows: each preliminary estimate is first expressed as a percent of EIA's final published estimate, these are then summed and the sum is divided by the number of estimates. The standard deviation is the square root of the quantity computed by summing the squared deviation of the percents from the mean percent and then dividing by the number of percents.

[b] Based on 36 initial estimates appearing in issues dated January 1977 – December 1979.

[c] Based on 36 initial estimates appearing in issues dated January 1977 – December 1979.

SOURCE: *An Assessment of the Accuracy of Principal Data Series of the Energy Information Administration*, DOE/EIA-0292.

Note 4. Changes in Petroleum Industry Reporting

Petroleum statistics contained in this report for all years through 1980 were developed using definitions, concepts, reporting procedures and aggregation methods that are consistent with those developed by the U.S. Bureau of Mines. Research conducted by the Energy Information Administration in 1979 and 1980 indicated that changes had occurred in the petroleum industry that were not being adequately reflected in EIA's reporting systems.

EIA reporting forms, definitions, and procedures were modified beginning in January 1981 to describe industry operations more accurately. Unfortunately, empirical information is not available to precisely measure the data shortcomings throughout 1980. However, estimates of the magnitudes of differences in the major data series are described below to form a basis for comparing 1979, 1980, and 1981 data.

Motor Gasoline

Prior to 1979, the EIA product-supplied series for motor gasoline was consistently about 2 percent lower than the Federal Highway Administration (FHWA) gasoline-sales data series, which is derived from State tax receipts. This difference increased to about 4 percent in 1979 and 5 percent in 1980. There are two primary causes for this growing difference. First, refinery operations, particularly the flows of unfinished oils and the redesignation of some finished products, were not being accurately described on the EIA survey forms. Second, a large amount of gasoline was being produced away from refineries at "downstream blending stations" to take advantage of provisions in regulations governing the amount of lead that could be added. These blending stations were not reporting gasoline production to the EIA until the data system was changed in January 1981.

Quantitative estimates of the magnitude of the difference in EIA's gasoline product supplied data in 1979 and 1980 have been made by the EIA and the American Petroleum Institute (API). The following table provides 1979 and 1980 data as published in the *Petroleum Statement, Annual*, as well as EIA and API estimates of "recast" motor gasoline product supplied. EIA recast estimates were based upon preliminary monthly information in the *Monthly Petroleum Statement*. The ranges displayed in the EIA column reflect uncertainty in the estimates. Also shown are the FHWA motor gasoline sales statistics for those years. EIA has recently published a study of the quality of these FHWA data.[1]

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[1] Office of Energy Information Validation, Energy Information Administration, U.S. Department of Energy, *Error Profile of the Motor Fuel Taxation Data used to Establish and Monitor State Emergency Conservation Targets* (Washington, D.C.: December, 1981).

Finished Motor Gasoline Product Supplied on Old and New Basis (Thousand Barrels per Day)

	1979				1980			
	EIA Reported	API Recast	EIA Recast	FHWA[1]	EIA Reported	API Recast	EIA Recast	FHWA[1]
Jan	6,830	7,230	7,084–7,246	6,984	6,323	6,789	6,630–6,791	6,672
Feb	7,254	7,496	7,389–7,568	7,538	6,596	6,983	6,831–7,003	6,830
Mar	7,229	7,414	7,301–7,463	7,316	6,406	6,753	6,607–6,768	6,713
Apr	7,055	7,300	7,187–7,353	7,375	6,800	7,014	6,886–7,052	6,981
May	7,213	7,429	7,313–7,475	7,428	6,729	6,954	6,823–6,984	7,044
Jun	7,191	7,483	7,350–7,516	7,441	6,657	6,966	6,824–6,991	7,049
Jul	6,902	7,241	7,105–7,266	7,299	6,743	6,973	6,960	7,132
Aug	7,330	7,546	7,426–7,588	7,619	6,648	6,841	6,828	7,090
Sep	6,881	7,122	7,016–7,183	7,232	6,510	6,885	6,875	6,958
Oct	7,020	7,205	7,100–7,262	7,287	6,662	6,972	6,962	6,685
Nov	6,791	7,068	6,956–7,122	7,142	6,234	6,507	6,516	6,951
Dec	6,730	7,106	6,966–7,127	7,064	6,632	6,948	6,936	6,993
Average	7,034	7,302	7,183–7,347	7,309	6,579	6,882	6,806–6,889	6,925

[1] FHWA gasoline statistics published in their 1979 Table MF-33G, August 6, 1980, contain aviation gasoline as well as motor gasoline. Only motor gasoline data are included in published 1980 data. Consequently, the 1979 data shown above were reduced by subtracting aviation gasoline product supplied quantities as published by EIA in the 1979 *Petroleum, Statement Annual.* The 1980 FHWA data published in their 1980 Table MF-33GA, August 1981, did not require this adjustment.

Distillate and Residual Fuel Oil

Distillate and residual fuel oil refinery production statistics through 1980 were adjusted to account for an imbalance between unfinished oil supply and disposition. The reported quantities of refinery inputs of unfinished oils typically exceed the available supply of unfinished oils. It has been assumed that this occurs when distillate and residual fuel oil produced by a refinery is shipped to another refinery, where it is treated as unfinished oil. This oil is then reprocessed rather than used or sold as distillate or residual fuel oil.

For many years (including 1980), the difference between unfinished oil disposition and supply was subtracted from distillate and residual fuel oil production to adjust for this discrepancy. Two-thirds of the difference was applied to distillate, and one-third to residual fuel oil.

Beginning in January 1981 this adjustment was discontinued because there was not sufficient empirical evidence to support it. The following table presents distillate and residual fuel oil refinery production in 1979 and 1980 as published (adjusted) and on the same basis as 1981 statistics are now being completed (unadjusted) to permit comparison between 1980 and 1981 data series. Adjusted distillate and residual fuel oil product supplied volumes differ from the unadjusted volumes by the same amounts as the adjusted and unadjusted production volumes.

Adjusted and Unadjusted Refinery Production, and Unadjusted Product Supplied of Distillate and Residual Fuel Oils, by Month for 1979 and 1980 (Thousand Barrels Per Day)

1979

	Distillate Fuel Oil				Residual Fuel Oil			
Month	Adj. Ref. Prod.	Unadj. Ref. Prod.	Diff.	Unadj. Product Supplied	Adj. Ref. Prod.	Unadj. Ref. Prod.	Diff.	Unadj. Product Supplied
Jan.	3,043	3,108	65	4,646	1,912	1,946	34	3,594
Feb.	2,888	2,945	57	4,869	1,792	1,822	30	3,625
Mar.	3,019	3,026	7	3,671	1,719	1,723	4	3,243
Apr.	2,945	2,978	32	3,048	1,639	1,656	17	2,524
May	3,066	3,093	27	3,025	1,586	1,600	14	2,517
Jun.	3,153	3,187	35	2,743	1,548	1,566	18	2,601
Jul.	3,305	3,344	38	2,601	1,575	1,594	20	2,471
Aug.	3,321	3,359	38	2,799	1,584	1,603	20	2,570
Sep.	3,354	3,306	-48	2,599	1,627	1,602	-25	2,584
Oct.	3,251	3,217	-34	3,085	1,629	1,612	-17	2,523
Nov.	3,239	3,200	-39	3,208	1,736	1,716	-20	2,795
Dec.	3,221	3,238	17	3,725	1,894	1,903	9	3,022
Average	3,152	3,169	16	3,327	1,687	1,695	8	2,834

1980

	Distillate Fuel Oil				Residual Fuel Oil			
Month	Adj. Ref. Prod.	Unadj. Ref. Prod.	Diff.	Unadj. Product Supplied	Adj. Ref. Prod.	Unadj. Ref. Prod.	Diff.	Unadj. Product Supplied
Jan.	3,013	3,093	80	3,794	1,771	1,812	41	3,108
Feb.	2,766	2,888	122	3,834	1,773	1,836	63	3,168
Mar.	2,557	2,690	133	3,312	1,584	1,652	68	2,726
Apr.	2,460	2,554	94	2,729	1,595	1,643	48	2,492
May	2,474	2,610	136	2,538	1,509	1,579	70	2,305
Jun.	2,646	2,721	75	2,392	1,575	1,613	38	2,359
Jul.	2,689	2,783	94	2,343	1,480	1,528	48	2,339
Aug.	2,461	2,582	121	2,258	1,444	1,506	62	2,348
Sep.	2,686	2,726	40	2,627	1,495	1,516	21	2,380
Oct.	2,589	2,650	61	2,981	1,512	1,543	31	2,258
Nov.	2,703	2,823	120	3,069	1,579	1,641	62	2,513
Dec.	2,891	3,052	161	3,776	1,660	1,743	83	2,762
Average	2,661	2,764	103	2,969	1,580	1,634	54	2,562

Total Petroleum Products

The imbalance between the supply and disposition of unfinished oils is now reported as part of the reclassified products (line 39) in the U.S. Petroleum Balance (Table 1). Imbalances between the supply and disposition of gasoline blending components comprise the remainder of the reclassified in Table 1. These imbalances are reported as negative product supplied in the Other Liquids section of the table of Supply and Disposition Statistics (Table 2). Since these changes only involve redistribution of the volumes of gasoline, distillate and residual fuel oil, gasoline blending components, and unfinished oils, the total volume of petroleum products supplied remains unaffected by them.

Note 5. Notes on Tables

5.1 **Crude Oil and Petroleum Products Overview** statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Crude Oil and Petroleum Products Stock Withdrawal (+) or Addition (-), Petroleum Products Supplied, Total Imports, Crude Oil Imports, Total Exports, and Crude Oil Exports appear as labeled in Table 3. Total Production and Crude Oil Production appear under Field Production in Table 3.

- Natural Gas Plant Production is the sum of Natural Gas Plant Liquids and Finished Petroleum Products Field Production in Table 3.

- Petroleum Products Imports is the sum of Natural Gas Plant Liquids and LRGs, Other Liquids, and Finished Petroleum Products Imports in Table 3.

- Petroleum Products Exports is the sum of Natural Gas Plant Liquids and LRGs, Other Liquids, and Finished Petroleum Products Exports in Table 3.

- Total Crude Oil and Petroleum Products Ending Stocks appear in thousands of barrels in Table 2.

5.2 **Crude Oil Supply and Disposition** statistics on the referenced line appear in Table 1 of the Monthly Statistics, except where noted.

- Total Domestic Field Production, Alaskan Field Production, SPR Imports, Other Imports (synonymous with Imports Gross Excl. SPR), SPR and Other Primary Stocks Withdrawal (+) or Addition (-), Unaccounted For Crude Oil, Refinery Inputs, and Exports appear as labeled in Table 1.

- SPR Ending Stocks and Other Primary Ending Stocks (synonymous with stocks excluding SPR) appear in thousands of barrels in Table 1.

- Total Crude Oil Ending Stocks appear in thousands of barrels in Table 2.

- Total Imports appear in Table 3.

5.3 **Finished Motor Gasoline Supply and Disposition** statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Exports, and Product Supplied appear as labeled in Table 3.

- Unleaded Percent of Total Product Supplied represents the ratio of finished unleaded motor gasoline product supplied to total finished motor gasoline product supplied, multiplied by 100 and rounded to the nearest tenth.

- Ending Stocks appear in thousands of barrels in Table 2.

5.4 **Distillate and Residual Fuel Oil Supply and Disposition** statistics on the referenced lines appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Crude Used Directly, Exports, and Product Supplied appear as labeled in Table 3.

- Ending Stocks appear in thousands of barrels in Table 2.

5.5 **Liquefied Petroleum Gases and Ethane** statistics represent the aggregation of statistics on ethane, propane, butane, butane-propane mixtures, ethane-propane mixtures, and isobutane. The statistics on the referenced line appear in Table 3 of the Monthly Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied appear as labeled in Table 3.

- Ending stocks appear in thousands of barrels in Table 2.

5.6 Other Petroleum Products Supply and Disposition statistics represent the aggregation of statistics on natural gasoline, isopentane, unfractionated stream, plant condensate, other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, and residual fuel oil. The statistics on the referenced line are aggregated from Table 3 of the Monthly Statistics, except where noted.

- Total Production is the aggregated sum of Field Production and Refinery Production in Table 3.

- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied are aggregated from Table 3.

- Ending stocks are aggregated from ending stocks in thousands of barrels in Table 2.

Note 5.7 Table 1. U.S. Petroleum Balance

- Lines (1) through (3) of Table 1: Crude oil (including lease condensate) production for "Alaska," "Lower 48 States," and "Total U.S." are calculated by calling the conservation agency in Alaska for Alaskan crude oil production during the month, estimating crude oil production in the United States (see Explanatory Note 2.2), and taking the difference to equal production in the lower 48 states.

- Line (5) of Table 1: SPR imports are reported on Survey Form ERA-60.

- Line (12) of Table 1: "Total Other Sources" equals crude oil stock withdrawal (+) or addition (-) plus unaccounted for crude oil plus crude used as fuel and losses in Table 2.

- Line (14) of Table 1: natural gas plant liquids (NGPL) "Production" equals field production of natural gas plant liquids (NGPL) plus field production of finished petroleum products in Table 2.

- Line (15) of Table 1: NGPL "Imports" equals the sum of the imports of natural gasoline and isopentane, unfractionated stream, and plant condensate imports in Table 2.

- Line (16) of Table 1: NGPL "Stock Withdrawal (+) or Addition (-)" is equal to the sum of stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate in Table 2.

- Line (17) of Table 1 equals the sum of lines (14), (15), and (16) of Table 1.

- Line (18) of Table 1: unfinished oils and gasoline blending components "Stock Withdrawal (+) or Addition (-)" equals stock withdrawal (+) or addition (-) for other hydrocarbons and alcohol, for unfinished oils, motor gasoline blending components, and aviation gasoline blending components.

- Line (20) of Table 1: "Other Hydrocarbons and Alcohol New Supply" equals the field production of same in Table 2.

- Line (21) on Table 1: "Refinery Processing Gain" is a balancing item equal to total refinery production minus total refinery input in Table 2.

- Line (22) on Table 1: "Crude Used Directly" equals the sum of crude oil used directly as distillate and residual fuel oils in Table 2.

- Line (23) of Table 1: "Total Other Liquids" equals the sum of lines (18) through (22) of Table 1.

- Line (24) of Table 1: "Total Production of Products" equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oils in Table 2.

- Line (25) of Table 1: "Gross Imports of Refined Products" equals imports of LPG and ethane plus imports of finished petroleum products in Table 2.

- Line (26) of Table 1: "Exports of Refined Products" equals exports of LPG and ethane plus exports of finished petroleum products in Table 2.

- Line (27) of Table 1: "Net Imports of Refined Products" equals the difference between lines (25) and (26) of Table (1).

- Line (28) of Table 1: "Total New Supply of Products" equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oils; plus imports of LPG and ethane and finished petroleum products; minus exports of LPG and ethane and finished petroleum products in Table 2.

- Line (29) of Table 1: "Refined Products Stocks Withdrawal (+) or Addition (-) equals the sum of stock withdrawal (+) or addition (-) for LPG and ethane, and finished petroleum products in Table 2.

- Line (30) of Table 1: "Total Petroleum Products Supplied for Domestic Use" equals total products supplied in Table 2.

- Lines (31) through (37) of Table 1 equal the respective products supplied in Table 2.

- Line (38) of Table 1: "Other Products Supplied" equals the sum of natural gasoline and isopentane, unfractionated stream, plant condensate, aviation gasoline, naphtha > 400 Deg. F for petrochemical feedstock use, other oils > 400 Deg. F. for petrochemical feedstock use, special naphthas, lubricants, waxes, coke, asphalt, road oil, still gas, and miscellaneous products supplied in Table 2.

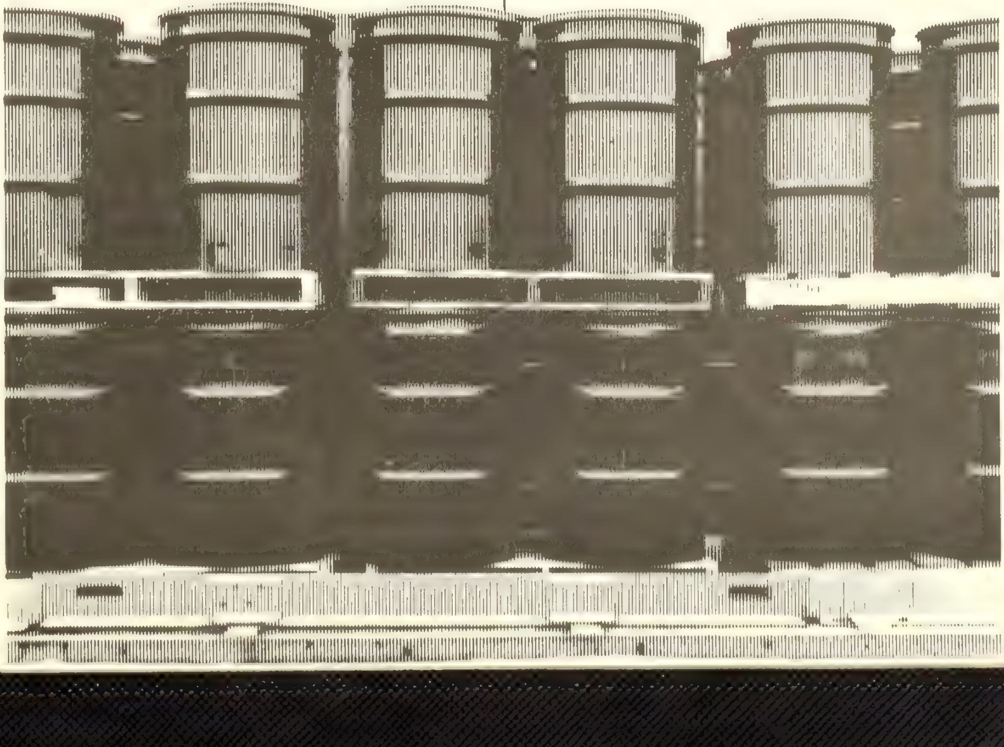
- Line (39) of Table 1: "Total Reclassified" is a balancing item equal to the sum of unfinished oils, motor gasoline blending components, and aviation gasoline blending components products supplied in Table 2.

- Line (40) of Table 1: "Total Product Supplied" is equal to total products supplied in Table 2.

- The sum of lines (41) and (42) of Table 1, stocks of "Crude Oil and Lease Condensate (Excluding SPR)" and stocks held by the "Strategic Petroleum Reserve," equals ending stocks of crude oil in Table 2. SPR stocks are reported on Form EIA-90.

- Line (46) of Table 1, stocks of "Refined Products," equals the sum of LPG and ethane and finished petroleum product stocks in Table 2.

Glossary



Glossary

Definitions of Petroleum Products and Other Terms

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group, CH-(CH)n—OH. "Alcohol" includes ethanol and methanol.

Alkylation. Where the C^3, C^4 and C^5 olefins produced in cracking and coking units are reacted with isobutane in an acid environment to produce a high quality gasoline blendstock called alkylate. Propane and butane are fractionated from the alkylate for disposition as LPG or, in the case of butane, as a gasoline blendstock.

Aromatics. A group of hydrocarbon fractions that form the basis of most organic chemicals so far synthesized. The unique ring structure of their carbon atoms makes it possible to transform aromatics into an almost endless number of chemicals. Benzene, toluene, and xylene are the principal aromatics.

Asphalt. A dark-brown-to-black material, containing bitumens as the predominant constituents, obtained either naturally or by petroleum processing. It is the residue from the distillation of an asphaltic crude oil or the insoluble portion from an extraction process that utilizes propane or other suitable solvents. The definition includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. The conversion factor is 5.5 42-gallon barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Aviation Gasoline Blending Components. Components in the gasoline range which will be used for blending or compounding into finished aviation gasoline.

Aviation Gasoline (Finished). All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specificaton D 910 and Military Specification MIL-G-5572. "Aviation gasoline" includes all refinery products within the gasoline range that are to be marketed straight or in blends as aviation gasoline without further refinery processing.

Barrels. A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons. This measure is used in most statistical reports. Factors for converting petroleum coke, asphalt, wax, and still gas to barrels are given in the definitions for these products.

Barrels Per Calendar Day. Represents the number of barrels per stream day of input to crude oil processing units that can be processed by a refinery in an average 24-hour period after making allowances for the following limitations: downstream limitations, environmental constraints, types and grades of inputs, planned and unplanned downtime, and types and grades of products.

Barrels Per Stream Day. Represents the amount a unit can process running at full capacity under optimal crude and product slate conditions.

Bulk Terminal. A facility which is primarily used for the marketing of gasoline, kerosene, distillate and residual fuel oils that has a total bulk storage capacity of 2,100,000 gallons (50,000 barrels) or more and receives its petroleum products by tanker, barge or pipelines.

Butane. An inflammable gaseous paraffin hydrocarbon, C_4H_{10}, occurring in either of two isomeric forms; normal butane or isobutane. It is extracted from natural gas or refinery gas streams.

- Normal Butane—The straight-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 31.1°F. This classification includes mixtures of gases that contain 80 percent or more normal butane.

- Isobutane—The branch-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9°F. This classification includes mixtures of gases that contain 80 percent or more isobutane.

- Other Butanes—The classification of butane in which neither isomeric form is present in at least 80 percent of the liquid volume.

Butane-Propane Mix. Mixtures consisting exclusively of butane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted from natural gas and refinery gas streams.

Butylene. An olefinic hydrocarbon, C_4H_8, recovered from refinery processes. It is reported in the "Butane" category.

Catalytic Cracking. Basically the same as thermal cracking since heat is used, but differs in its use of a catalyst to direct the cracking reaction to produce more of the higher octane hydrocarbons; provides a motor spirit of 10 to 15 octane numbers higher than that of the thermally cracked product and is more effective in producing isoparaffins and aromatics, all of which are of high anti-knock qualities or value. Modern cracking units are one of two types: the "fluid process" uses a finely powdered catalyst which is moved and circulated through the system by a "fluidized-solid" technique, and the other, moving bed process, in which pellet catalysts are circulated by elevators or gas-lift method.

Catalytic Hydrocracking. A refining process for converting middle-boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel and/or high grade fuel oil. Hydrocracking is an efficient, relatively low-temperature process using hydrogen and catalyst.

Catalytic Hydrofining. A process for improving the quality of petroleum products, especially gasoline, by treating them with hydrogen in the presence of a catalyst, at a temperature below that at which decomposition occurs.

Catalytic Hydrotreating. A process for treating petroleum fractions and unfinished oils in the presence of catalysts and substantial quantities of hydrogen to upgrade their quality.

Catalytic Reforming. The use of controlled heat and pressure with catalysts to effect the rearrangement of certain hydrocarbon molecules without altering their composition appreciably; the conversion of low-octane gasoline fractions into higher octane stocks suitable for blending into finished gasoline; also the conversion of naphthas to obtain more volatile product of higher octane number.

Charge Capacity. (Input) reports the fresh feed capacity of the facilities.

Coal. A generic term applied to carbonaceous rocks that were formed by the partial or complete decomposition of vegetation. These stratified carbonaceous rocks are either solid or brittle and are highly combustible. Includes lignite, bituminous coal, and anthracite which conform to ASTM Specification D 388.

Crude Distillation. The processing of separating crude oil components by heating and subsequent condensing of the fractions by cooling.

Crude Oil. A naturally occurring mixture of liquid hydrocarbons that remains liquid at atmospheric pressure after passing through surface separating facilities. Lease condensate is included. Drips are also included, but topped crude (residual) oil and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable.

Crude Oil Type.

- Sweet—Under 0.5 wt. % sulfur

- Medium Sulfur—Between .05 and 1.0 wt. % sulfur
  Light Medium—15% or less @ 1050°F. + residuum assay
  Heavy Medium—Greater than 15% @ 1050°F. + residuum assay

- High Sulfur—in excess of 1.0 wt. % sulfur
  Light High—15% or less @ 1050°F. + residuum assay
  Heavy High—Greater than 15% @ 1050°F. + residuum assay

- Domestic—Crude oil produced in the United States or from its outer continental shelf as defined in 43 U.S.C. 1331. Synthetic hydrocarbons such as shale oil and tar sand oil are included.

- Foreign—Crude oil produced outside the United States. Imported Athabasca hydrocarbons are reported as crude oil.

Distillate Fuel Oil. A general classification for one of the petroleum fractions which, when produced in conventional distillation operations, has a boiling range of 400°F. at the 10-percent point to 640°F. at the 90-percent point. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1 and No. 2 heating oils, diesel fuels, and No. 4 fuel oil.

- No. 1 Fuel Oil—A light distillate fuel oil intended for vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400°F. at the 10-percent point and 550°F. at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100°F.

- No. 2 Fuel Oil—A distillate fuel oil for domestic heating for use in atomizing-type burners or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade temperatures at the 90-percent point between 540°F. and 640°F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100°F.

- Diesel Fuel—A distillate fuel oil used in compression-ignition engines. Three classifications are recognized by ASTM Specification D 975:

  1. No. 1-D—A volatile distillate fuel oil in the 400° to 550°F. boiling range for engines in service requiring frequent speed and load changes. Type C-B diesel fuel, which is used for city buses and similar operations, is included.

  2. No. 2-D—A distillate fuel oil of lower volatility in the 540° to 640°F. boiling range for engines in industrial and heavy mobile service. Type R-R diesel fuel for railroad compression-ignition engines and Type T-T for diesel-engine trucks are included.

  3. No. 4-D—A fuel oil for low and medium speed engines.

- No. 4 Fuel Oil—A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100° F. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

Eastern Hemisphere. That half of the earth east of the Atlantic Ocean which includes Europe, Asia, Africa, and Australia. The Hawaiian Foreign Trade Zone is in this hemisphere.

Electric Energy (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ethane. A colorless, odorless, water-insoluble, gaseous paraffin hydrocarbon, C_2H_6, extracted from natural gas and refinery gas streams.

Ethane-Propane Mix. A mixture of ethane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted for natural gas and refinery gas streams.

Ethylene. An olefinic hydrocarbon. C_2H_4, recovered from a refinery and petrochemical process. It is reported in the "Ethane" category.

Feedstocks. Crude oil or other hydrocarbons that are the basic materials for a refining or manufacturing process.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, and new supply of other hydrocarbons and alcohol.

Gas-Well Gas. Natural gas produced from gas wells. Such gas may be either associated gas or non-associated gas.

- Associated Gas—Free natural gas in immediate contact, but not in solution, with crude oil in the reservoir.

- Non-Associated Gas—Free natural gas not in contact with, nor dissolved in, crude oil in the reservoir.

Hydrogen. A colorless, highly flammable gaseous element, the lightest of all gases and the most abundant element in the universe, used in the production of synthetic ammonia and methanol, in petroleum refining, and in hydrogenation of organic materials.

Isobutane. The branch-chain isomer of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9°F. This classification includes mixtures of gases that contain 80 percent or more isobutane. It is extracted from natural gas and refinery gas streams.

Isopentane. A saturated branch-chain hydrocarbon, C_5H_{12}, obtained by fractionation of gasoline or isomerization of normal pentane. All segregated isopentane is included. This product is extracted from natural gas.

Kerosene. A petroleum distillate that boils at a temperature between 300° and 550°F., that has a flash point higher than 100°F. by ASTM Method D 56, that has a gravity range from 40° to 46° API, and that has a burning point in the range of 150° to 175°F. It is a clean-burning product suitable for use as an illuminant when burned in wick lamps. Includes grades of kerosene called range oil having properties similar to No. 1 fuel oil, but with a gravity of about 43° API and having a maximum end-point of 625°F. Kerosene is used in space heaters, cook stoves, and water heaters.

Kerosene-Type Jet Fuel. A quality kerosene product with an average gravity of 40.7° API, a 10-percent distillation temperature of 400°F., and an endpoint of 572°F. It is covered by ASTM Specification D 1655 and Military Specification MIL-T-5624L (Grade JP-5 and JP-8). It is used primarily for commercial turbojet and turboprop aircraft engines.

Lease Condensate. A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Lease Separator. A surface facility used for separating casinghead gas from produced crude oil and water and separating gas from that portion of associated gas and non-associated gas that liquefies at the temperature and pressure conditions of the separator.

Liquefied Petroleum Gas (LPG). A gas containing specific hydrocarbons that are gaseous under normal atmospheric conditions, but can be liquefied under moderate pressure at normal temperatures. LPG is composed predominantly of propane and butane hydrocarbons. LPG is included in natural gas plants liquids and liquefied refinery gases.

Liquefied Refinery Gas (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration they are retained in the liquid state. The reported categories are ethane and/or ethylene, propane and/or propylene, butane and/or butylene, butane-propane mixtures, and isobutane. Excludes still gases used for chemical or rubber manufacture which are reported as petrochemical feedstocks. Liquefied refinery gases are reported for use as petrochemical feedstocks, other uses, or both.

Lubricants. A substance used to reduce friction between bearing surfaces. Petroleum lubricants may be produced either from distillates or residues. Other substances may be added to impart or improve certain required properties. "Lubricants" includes all grades of lubricating oils from spindle oil to cylinder oil and those used in greases. The three categories reported are:

- Bright Stock—A refined, high viscosity lubricating oil base stock that is usually made from a residuum by a treatment such as deasphalting, acid treatment, or solvent extraction.
- Neutral—A distillate lubricating oil base stock with a viscosity that is usually not above 550 Saybolt Seconds Universal (SSU) at 100° F. It is prepared by a treatment such as hydrofining, acid treatment, or solvent extraction.
- Other—A lubricating oil base stock used in finished lubricating oils and greases, including black, coastal, and red oils.

Miscellaneous Products. Includes all finished products not classified elsewhere. "Miscellaneous products" include petrolatum, absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and naphthas.

Motor Gasoline Blending Components. Finished components in the gasoline range that will be used for blending or compounding into finished motor gasoline. Pool gasoline is included in this category.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439 or Federal Specification VV-G-1690B, include a boiling range of 122° to 158° F. at the 10-percent point to 365° to 374° F. at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

- Leaded Gasoline—Contains more than 0.05 grams of lead per gallon or more than 0.005 grams of phosphorus per gallon. The actual lead content of any given gallon, however, may vary as a function of the size of the producer and company according to specific Environmental Protection Agency waiver provisions. Premium and regular grades are included, depending on the octane rating.

- Unleaded Gasoline—Contains up to 0.05 grams of lead per gallon and 0.005 grams of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating.

- Gasohol—A blend of alcohol and finished motor gasoline that is no more than 90 percent of finished motor gasoline (leaded or unleaded as described above) and no less than 10 percent or more alcohol (ethanol or methanol).

Motor Gasoline (Total). Includes finished leaded motor gasoline, finished unleaded motor gasoline, motor gasoline blending components, and gasohol.

Naphtha. A colorless flammable liquid, obtained from crude petroleum and used as a solvent and cleaning fluid and as a raw material for gasoline.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range with an average gravity of 52.8% API and 20 to 90 percent distillation temperatures of 290° to 470° F., meeting Military Specification MIL-T-5624L (Grade JP-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. This category excludes ram-jet and petroleum rocket fuels, which are included in the "Miscellaneous Products" category.

Natural Gas. A mixture of hydrocarbons and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, butane, natural gasoline, etc., and to control the quality of natural gas to be marketed.

Natural Gas Plant Liquids. Natural gas liquids recovered from natural gas in gas processing plants and in some situations, from natural gas field facilities. Natural gas liquids extracted by fractionators are also included. These liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials, and are classified as follows: Ethane, propane, ethane-propane mix, isobutane, butane, butane-propane mix, isopentane, natural gasoline, plant condensate, unfractionated stream, and other products from natural gas processing plants (i.e., products meeting the standards of finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphthas, kerosene, distillate, fuel oil, and miscellaneous products).

Operable Capacity. Represents the status of processing units at a petroleum refinery. Operable capacity is the sum of operating and idle capacity.

- Operating capacity—Capacity that is in operation.

- Idle Capacity—Capacity not in operation but capable of being placed in operation within 90 days.

Permanently Shutdown. A classification for petroleum refineries which represents refineries which have ceased operations and/or are incapable of being placed in operation within 90 days.

Petroleum Coke. A solid or fixed-carbon residue remaining after oils and tars have been driven off by distillation. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 42-gallon barrels per short ton.

- Marketable Coke—Those grades of coke that are produced in delayed or fluid cokers and which may be recovered as relatively pure carbon. This "green" coke may be sold or further purified by calcining.

- Catalyst Coke—In many catalytic operations (i.e., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as fuel in the refinery process. This carbon or coke is not recoverable in a concentrated form.

Petroleum Products. Petroleum products obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, natural gasoline and isopentane, plant condensate, unfractionated stream, ethane, liquefied petroleum gases, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, naphtha-less than 400°F. end-point, other oils-over 400°F. end-point, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Petroleum Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas plant liquids, other hydrocarbons, and alcohol.

Plant Condensate. One of the natural gas plant products, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants. This product is extracted from natural gas.

Primary Stocks. Stocks of crude oil or petroleum products held in storage by refineries, natural gas processing plants, pipelines, tankfarms, and bulk terminals. Crude oil that is in transit from Alaska or that is stored on Federal leases is included. Bulk terminals are facilities that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. "Primary Stocks" excludes stocks of foreign origin that are meant for domestic consumption but have not cleared the United States Customs Service.

Propane. An inflammable gaseous hydrocarbon, C_3H_8, of the methane series extracted from natural gas and refinery gas streams. It is used primarily as a fuel and as a petrochemical feedstock.

Propylene. An olefinic hydrocarbon, C_3H_6, recovered from refinery and petrochemical processes. It is reported in the "Propane" category.

Residual Fuel Oil. Topped crude of refinery operations. "Residual Fuel Oil" includes No. 5 and No. 6 fuel oils as defined in ASTM, Specification D 396 and Federal Specification VV-F-815C; Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2; Bunker C fuel oil; and acid sludge used for refinery fuels. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

- Bunker C—A heavy residual fuel oil used by ships and industry and for heating large-scale installations; also referred to as No. 6 fuel oil.

- Acid Sludge—The black, viscous residue left after treating petroleum oil with sulfuric acid for the removal of impurities.

Note: Imports of "Residual Fuel Oil" includes "Imported Crude Oil Burned as Fuel."

Road Oil. Any heavy petroleum oil, including residual asphaltic oils, used as a dust palliative and surface treatment of roads and highways. It is generally produced in six grades, from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of the tank.

Special Naphthas. All finished products within the gasoline range that are used as paint thinners, cleaners, and solvents. These products are refined to a specified flash point and have a boiling range of 90° to 220°F.

•"Special naphthas" includes all commercial hexane and cleaning solvents conforming to ASTM Specifications D 1836 and D 484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). The gas into which water is changed by boiling. It is colorless and transparent until it begins to condense. Purchased steam is steam that is purchased for use by a refinery but was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gas produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, butane, butylene, propane, propylene, etc. Still gas is reported as petrochemical feedstock use and fuel use. The conversion factor is 6,250,000 Btu per 42-gallon barrel.

•Petrochemical Feedstock Use—Includes all refinery streams which are used by chemical or rubber manufacturing operations for further processing, less the amount of such streams returned to the source refinery. Finished petrochemical products are not included. For example, polyethylene, butadiene, etc., are considered petrochemical products; therefore, only their feedstock equivalents are included.

•Fuel Use—All other still gas.

Strategic Petroleum Reserve (SPR). Stocks of crude oil maintained by the Federal Government in case there is a major interruption of crude oil imports.

Tankfarm. A group of large riveted or welded tanks for storage of crude oil or product by a producer, refiner, or pipeline.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking is used to increase the yield of gasoline obtainable from crude oil.

Unfinished Oils. Includes all oils requiring further processing, except those requiring only mechanical blending.

Unfractionated Steam. Mixtures of unsegregated natural gas liquid components excluding those included in plant condensate. This product is extracted from natural gas.

Vacuum Distillation. Distillation under reduced pressure (less than atmospheric) which lowers the boiling temperature of the liquid being distilled. The relatively low temperatures of this technique prevents cracking or decomposition of the charge stock.

Visbreaking. A catalytic thermal cracking process designed to lower the viscosity, pour point and boiling range of still residues remaining after fractional distillation.

Wax. A solid or semi-solid material derived from petroleum distillates or residues by such suitable treatments as chilling, precipitating with a solvent, or de-oiling. It is a light-colored, more-or-less translucent crystalline mass, slightly greasy to the touch, consisting of a mixture of solid hydrocarbons in which the paraffin series predominates. Includes all marketable wax whether fully refined, scale, or crude. The three grades reported are microcrystalline, crystalline-fully refined, and crystalline-other. The conversion factor is 280 pounds per 42-gallon barrel.

•Microcrystalline Wax—Wax extracted from certain petroleum residues having a finer and less apparent crystalline structure than paraffin wax and having the following physical characteristics:

Penetration at 77°F. (D-1321)—60 maximum.
Viscosity at 210°F. Saybolt Universal Seconds (SUS)
(D-88)—[Minimum—60 SUS (10.22 centistokes) to maximum 150
SUS (31.8 centistokes)].
Oil content (D-721)—5 percent minimum.

•Crystalline-Fully Refined Wax—A light-colored paraffin wax having the following characteristics:

Viscosity at 210°F. Saybolt Universal Seconds (SUS)
(D-88)—[Minimum—60 SUS (10.22 centistokes) to
Maximum—150 SUS (31.8 centistokes)]
Oil Content (D-721)—0.5 percent maximum
Other +20 color, Saybolt minimum.

- Crystalline-Other Wax—A paraffin wax having the following characteristics:

Viscosity at 210°F. SUS (D-88)—[Maximum 59.9 SUS
(10.18 centistokes)]
Oil Content (D-721) 0.5 percent maximum.

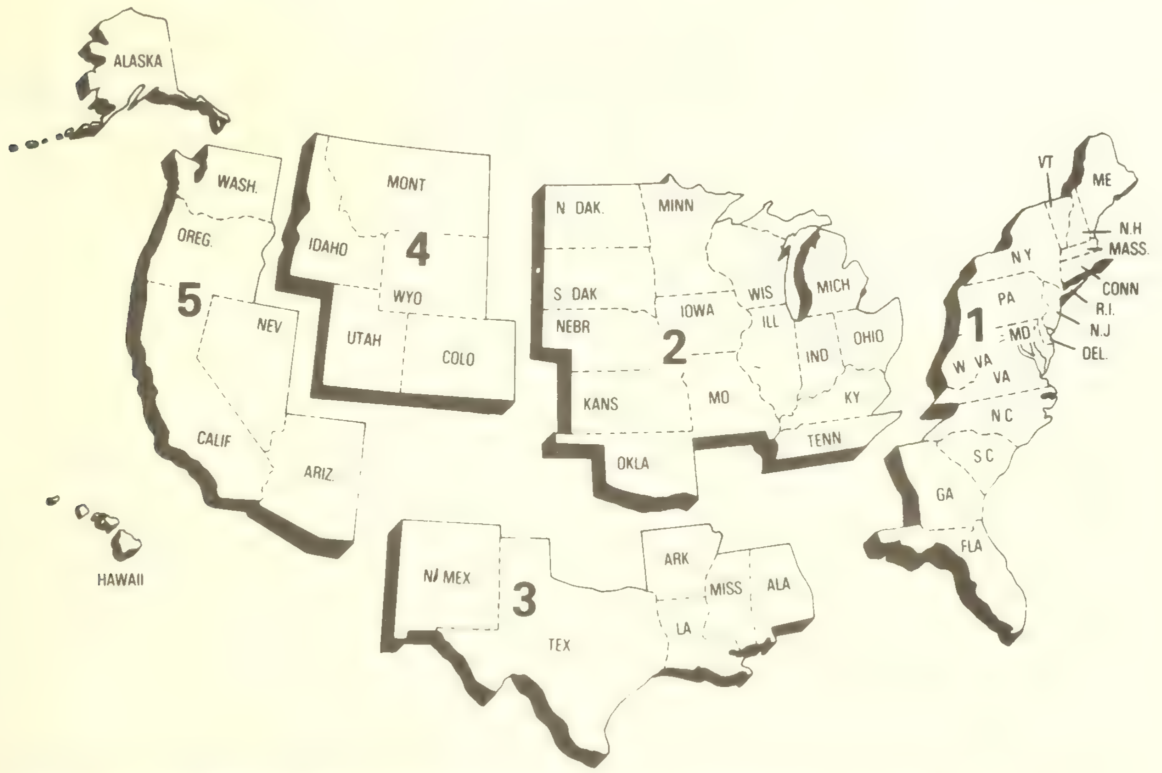
Western Hemisphere. That half of the earth that includes North and South America and the Surrounding waters.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Bureau of Mines Petroleum Refining Districts and PAD Districts

PAD District	Refining District
I	**East Coast**—District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties each thereof.
	Appalachian #1—The State of West Virginia, and those parts of the States of Pennsylvania and New York not included in the East Coast District.
II	**Appalachian #2**—The following counties of the State of Ohio: Erie, Huron, Crawford, Marion, Delaware, Franklin, Pickaway, Ross, Pike, Scioto, and all counties east thereof.
	Indiana—Illinois—Kentucky—The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and that part of the State of Ohio not included in the Appalachian District.
	Minnesota—Wisconsin—North and South Dakota—The States of Minnesota, Wisconsin, North Dakota, and South Dakota.
	Oklahoma—Kansas—Missouri—The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa,
III	**Texas Inland**—The State of Texas except the Texas Gulf Coast District.
	Texas Gulf Coast—The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.
	Louisiana Gulf Coast—The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.
	North Louisiana—Arkansas—The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.
	New Mexico—The State of New Mexico.
IV	**Rocky Mountain**—The States of Montana, Idaho, Wyoming, Utah, and Colorado.
V	**West Coast**—The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



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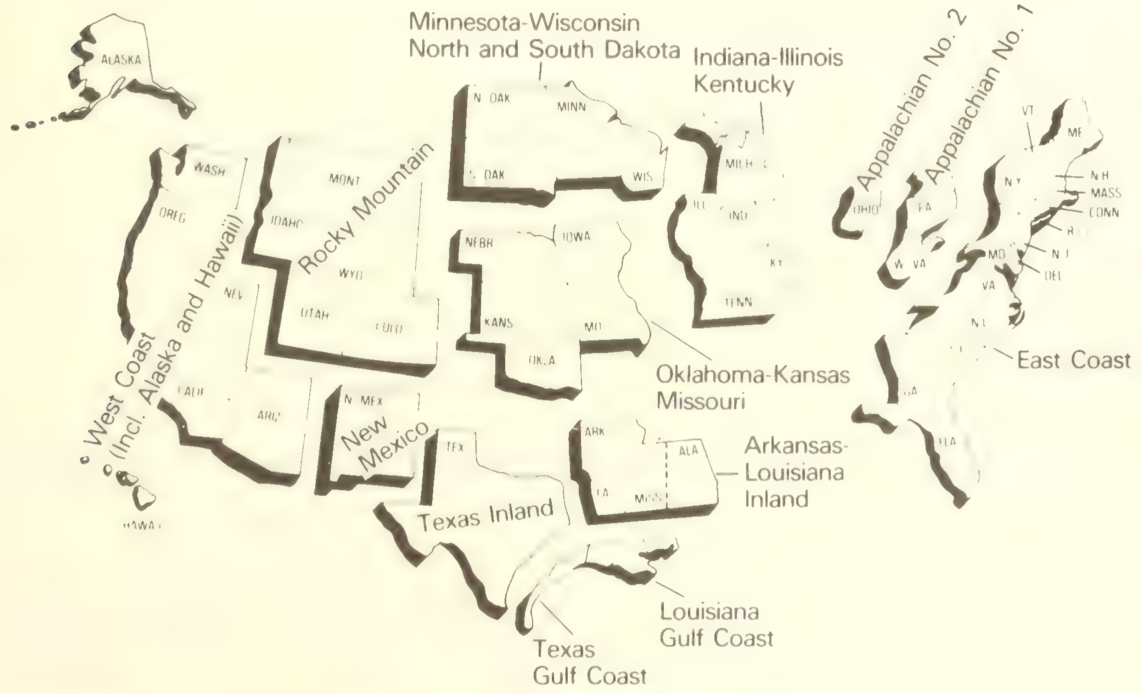
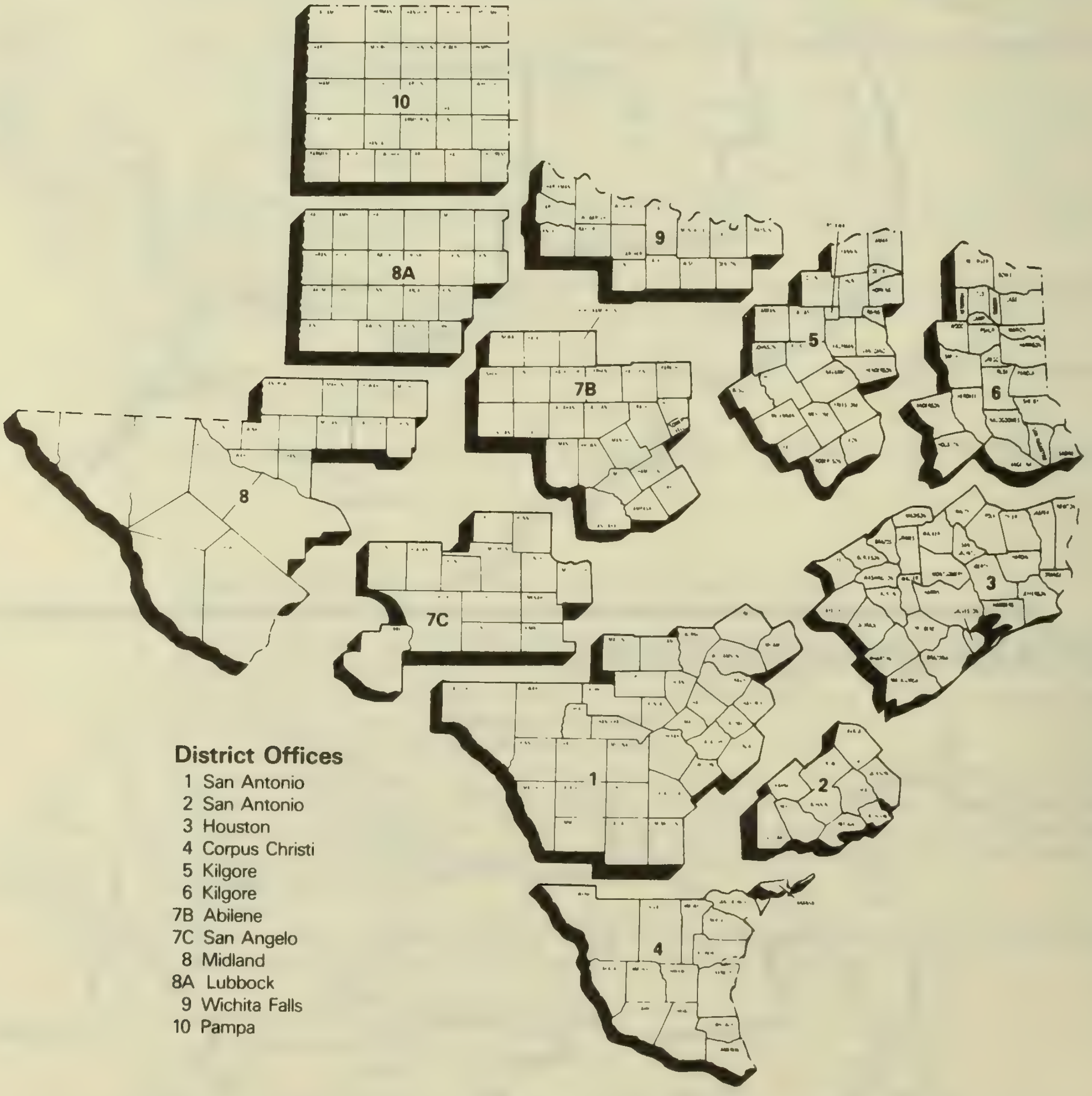


District Map Oil and Gas Division Railroad Commission of Texas



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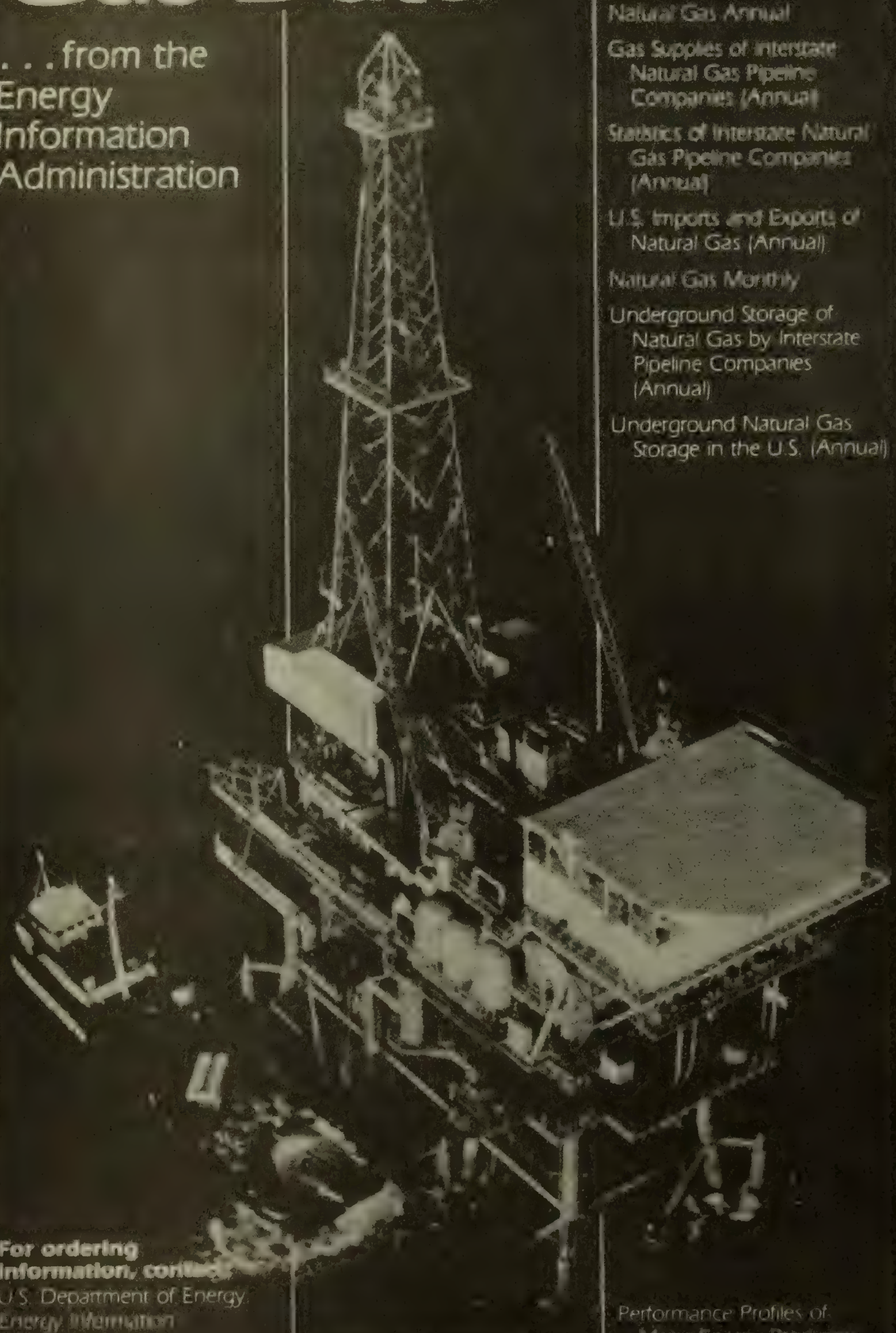

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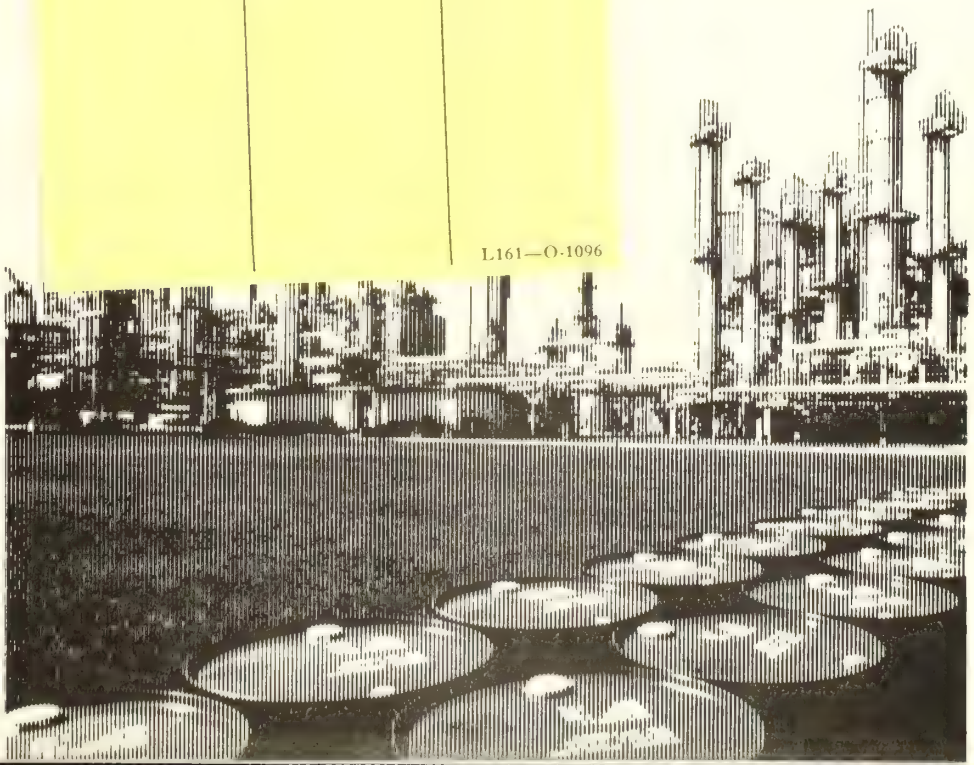

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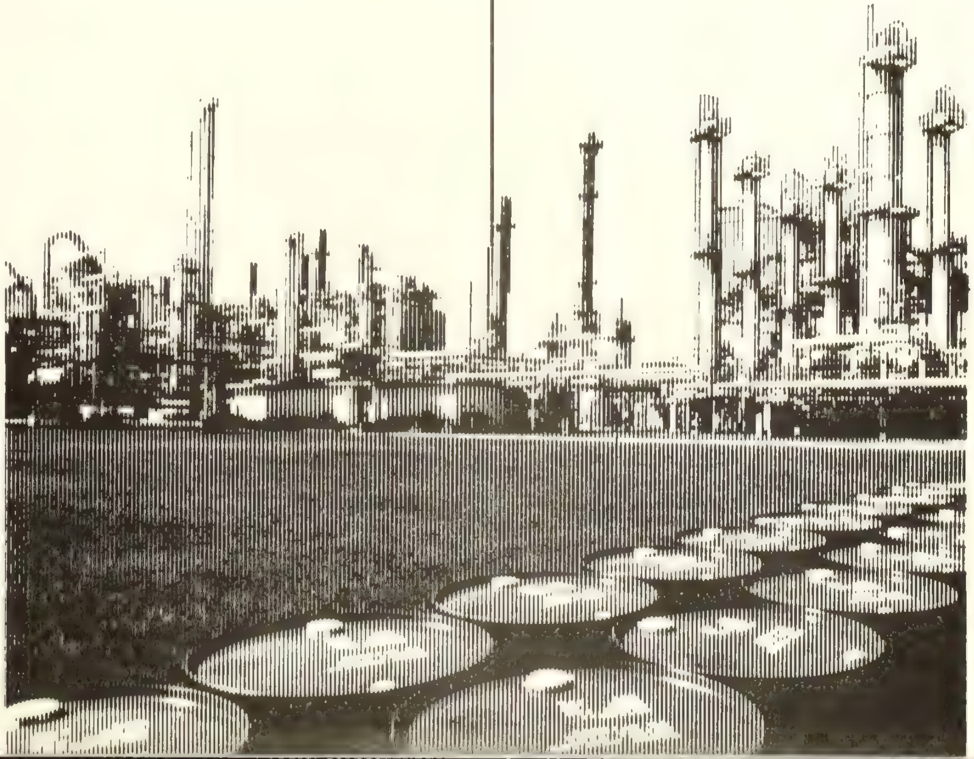

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Introduction

The Petroleum Supply Annual (PSA) contains information on the supply and disposition of crude oil and petroleum products. The publication reflects data that were collected from the petroleum industry during 1982 through annual and monthly surveys. The *PSA* is divided into two volumes. This first volume contains four sections, each with final annual data. The second volume contains final statistics for each month of 1982, and replaces data previously published in the *Petroleum Supply Monthly (PSM)*. The tables in Volumes I and II are similarly numbered to facilitate comparison between them. Below is a description of each section in Volume I of the *PSA*.

Petroleum Supply Summary

This section contains a summary of the data presented each month in the *PSM* and in Volume II of the *PSA*. It includes a description of the major events in the petroleum industry during 1982 including trends in supply, consumption, and production. Graphs and tables are provided which show 10 years of data depicting the balance between supply, disposition and ending stocks for various commodities including crude oil, motor gasoline, distillate and residual fuel oils, and liquefied petroleum gases.

Refinery Capacity

This section describes major activities within the refining industry during 1982. The tables were compiled from the Form EIA-820 (formerly EIA-177), *Refinery Capacity Report*, and from the Form EIA-87, *Monthly Refinery Report*. Of particular note are listings of facilities and associated capacities in each state. In addition, summaries of corporate refinery capacities, refinery storage facilities in selected states, refinery shutdowns during 1982 and projected changes in input and production during 1983 and 1984 are provided.

Sales of Liquefied Petroleum Gases

This section describes LPG sales by product (ethane, propane, butane and butane-propane mixes) and by end use sector. Data are collected on Form EIA-174, *Sales of Liquefied Gases and Ethane*. Of particular significance are tables showing sales of propane and LPG in total by State to residential and commercial users, chemical and industrial users, gas utilities and sales for internal combustion fuel.

Note: During the collection of 1982 LPG sales data, significant differences between 1982 and 1981 reporting patterns became evident. As a result, major respondents submitted revisions for 1981 and the 1981 survey statistics for LPG sales were revised, and are published in this section.

Deliveries of Fuel Oil and Kerosene

This section reviews the major activities within the fuel oil and kerosene segment of the petroleum industry. The major product categories included are distillate fuel oil, residual fuel oil, and kerosene. Tables within this section contain data by PAD District, product, and end-use. Data are collected primarily on Form EIA-172, *Sales of Fuel Oil and Kerosene*. In addition, a number of alternate sources are employed to create the final tables. An explanation of these alternate sources can be found in the Explanatory Notes at the end of this section.

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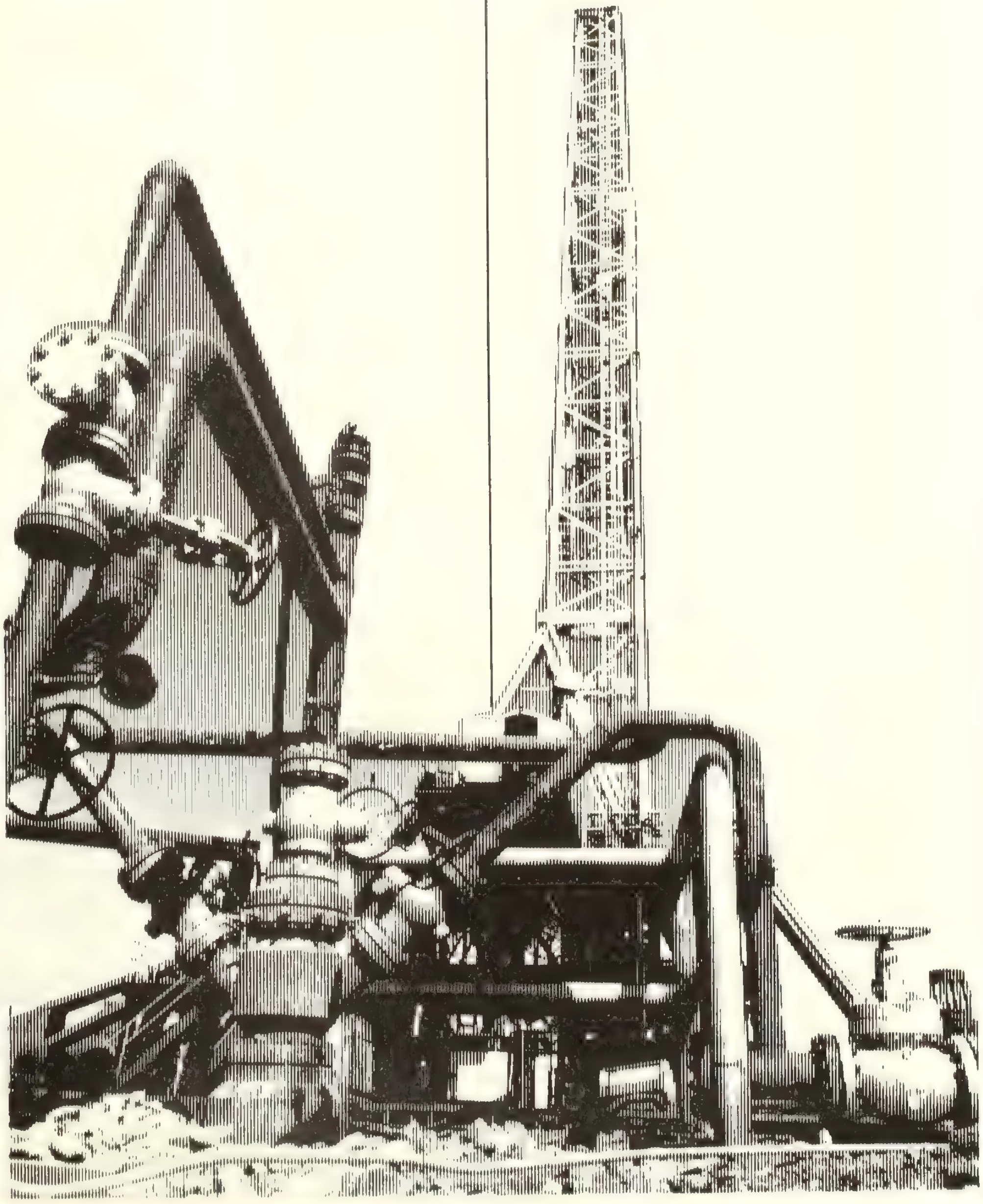

U.S. Petroleum Developments: 1982

Petroleum developments in 1982 were characterized by continued declines in many areas:

- Imports and petroleum consumption continued to decline.
- Stocks of products declined sharply and remained low.
- Crude oil prices, as well as retail and wholesale refined product prices, fell.
- Refinery production and capacity declined.
- Drilling activity decreased substantially from the record peak in 1981.

Crude oil production and exports did not follow the downward trend. Crude oil production was virtually unchanged from the 1981 rate; while exports increased for the seventh consecutive year.

Petroleum Consumption

During 1982, petroleum consumption in the United States (measured as products supplied for domestic use) declined for the fourth consecutive year (see Figure 1). The average consumption of 15.3 million barrels per day, was about 800 thousand barrels per day lower than the 1981 average and was the lowest annual average for petroleum consumption since 1971. Even though prices fell, especially during the first quarter of 1982, consumption continued to drop as the economy weakened. Continued conservation efforts and fuel switching, induced by past sharp petroleum product price increases, also contributed to the decline, even though petroleum prices were generally lower during 1982 than during 1981.

Despite the continuing decline in consumption, petroleum remained the principal U.S. energy source. About 43 percent of the energy consumed in the United States during 1982 came from petroleum (see Figure 2). This percentage, which reached a peak at 49 percent in 1977, continued to drop as high petroleum prices and the relatively lower costs of using fuels such as natural gas and coal encouraged conservation by consumers and conversion to other fuels.[1]

Motor gasoline supplied for domestic use averaged 6.5 million barrels per day during 1982, 12 percent below the average for 1978, the peak year of gasoline consumption, and about 1 percent below that of 1981 (see page 14). This decline occurred despite the fact that gasoline prices throughout most of 1982 were lower than those in 1981. Residual fuel oil and distillate fuel oil also showed large declines in consumption, down 18 percent and 6 percent, respectively, from their 1981 levels. Consumption of these and other major refined products generally decreased by an average of 5 percent during the year (see Figure 3).

Distillate fuel oil consumption, which averaged 2.7 million barrels per day in 1982, was about 6 percent below the average for 1981 (see page 16). The December 1982 price for home heating oil was approximately $1.20 per gallon compared with the average price of approximately $1.22 per gallon in December 1981.[2]

After decreasing nearly 17 percent between 1980 and 1981, residual fuel oil consumption continued to decline during 1982, averaging 1.7 million barrels per day, about 18 percent below the 1981 average (see page 18). The average retail price per barrel, excluding tax, of residual fuel oil in 1982 was $29.08, more than 10 percent below the average price for 1981.[3] That the decline in consumption came at a time when prices were falling indicates the impact of the sluggish economy on industrial users, the second largest consumers of residual fuel oil (electric utilities are the largest consumers).

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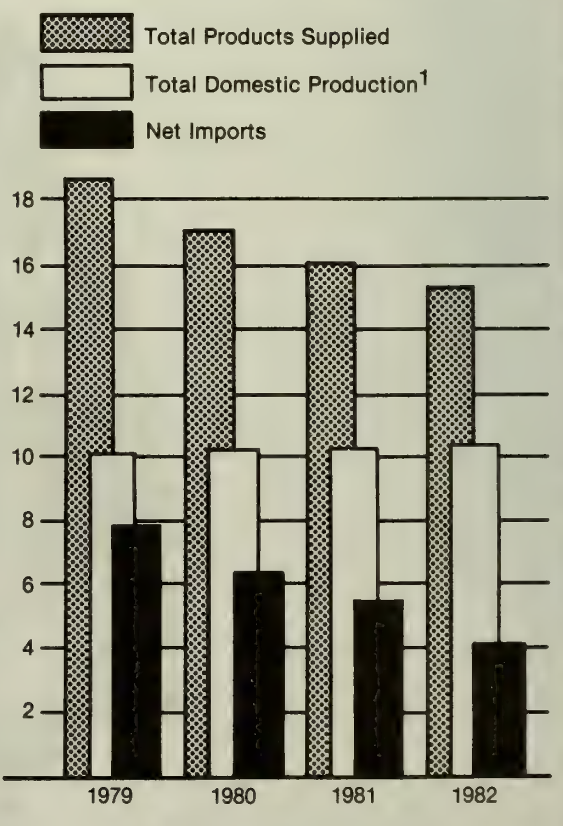
[1] Energy Information Administration, *Monthly Energy Review,* DOE/EIA-0035(83/04) (Washington, D.C.: April 1983), p. 6.

[2] *Monthly Energy Review* (April 1983), p. 88.

[3] *Monthly Energy Review* (April 1983), p. 82.

Figure 1. Petroleum Summary
(Million Barrels per Day)

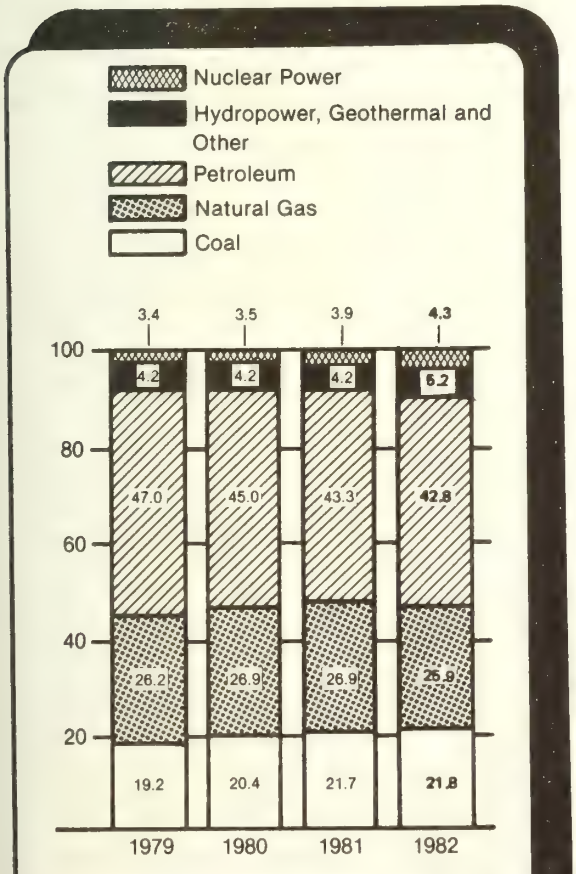


^{1}Includes crude oil and natural gas plant liquid production.

Source: *Petroleum Supply Annual 1982.* (June 1983).

Fuel-switching by electric utilities and industrial plants also contributed to the decline in residual fuel oil consumption. During 1981, the costs of generating electricity were significantly higher for utilities burning residual fuel oil than for those burning coal and natural gas. The cost of burning residual fuel oil at steam electric utilities was $5.29 per million British thermal units (Btu's), approximately three and a half times the cost of burning coal ($1.53 per million Btu's) and nearly twice the cost of burning natural gas ($2.83 per million Btu's).[4]

Figure 2. Consumption of Energy by Type
(Percent)



Source: *Monthly Energy Review* (April 1983)

Refinery Operations

On January 1, 1983, there were 258 operable petroleum refineries in the United States reporting a combined operable crude distillation capacity of 16.9 million barrels per calendar day (MMB/CD), 17.9 million barrels per stream day (MMB/SD). This compares to 301 operating refineries on January 1, 1982 with a combined operable crude distillation capacity of 17.9 MMB/CD (19.0 MMB/SD).

U.S. refineries operated at about 70 percent of capacity in 1982, partly as a result of the same factors which caused so many refineries to close. Crude oil inputs to refineries averaged about 11.8 million barrels per day during the year, about 6 percent below the 1981 average (see page 13).

Petroleum Stocks

Total petroleum stocks (excluding Strategic Petroleum Reserve stocks) decreased about 117 million barrels during 1982. About 84 million barrels of the decrease were in inventories of refined products (see page 8). The drawdowns reflect refiners' decisions to maintain lower inventories.

At the end of 1982, stock levels of most major products were well below the levels at the end of 1981. Distillate fuel oil inventories, at 179 million barrels, were 7 percent below the level at the end of 1981; residual fuel oil inventories, at 66 million barrels, were nearly 15 percent below the level at the end of 1981. Inventories of motor gasoline stood at 235 million barrels, about 7 percent below the level at the end of 1981 (see page 14). Even though inventories were at substantially lower levels at the end of 1982, supplies of petroleum products, and of fuel oils in particular, were adequate to meet the lower demand for the winter of 1982-1983.

Imports

The downward trend in imports continued during 1982 as net imports (gross imports minus exports) of crude oil and petroleum products sank to an average of 4.3 million barrels per day, 20 percent below the average for 1981. During 1981, net imports averaged 5.4 million barrels per day, 15 percent below the level during 1980. Of the 1982 net import amounts, net crude oil imports averaged 3.3 million barrels per day, down 22 percent from 1981. Net imports of petroleum products averaged 1.0 million barrels per day, 15 percent below the annual average for 1981. The largest decline among petroleum product imports was in distillate fuel oil imports which were down 46 percent from 1981 (see page 16).

Exports

Exports of petroleum products averaged 579 thousand barrels per day in 1982, 58 percent higher than during 1981. The growth in exports is attributable mainly to the relaxation of export restrictions. The increase was most noticeable in residual fuel oil exports, which jumped by 91 thousand barrels per day and in exports of distillate fuel oil, which increased by 69 thousand barrels per day (see page 18). For several months during the year, the United States was a net exporter of distillate fuel oil.

Crude Oil Production

Domestic crude oil production averaged approximately 8.6 million barrels per day for the fourth consecutive year. However, because of declines in crude oil prices and demand, drilling activity, which reached an all-time high in 1981, decreased substantially during 1982.

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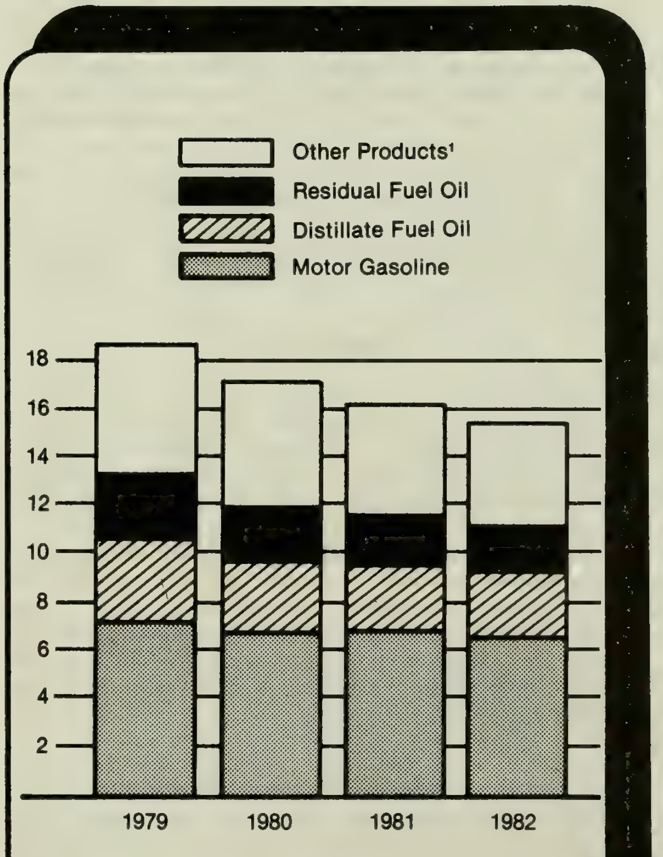
[4] Energy Information Administration, *Cost and Quality of Fuels for Electric Utility Plants,* DOE/EIA-0191(81) (Washington, D.C.: 1982) pp. 10, 14, 17.

The average number of drilling rigs operating declined from 4,520 in December 1981 to 2,696 in December 1982, a 40 percent decline.[5] During 1982, 85,855 new wells were completed, 7,317 wells above the number completed during 1981.[6]

The number of seismic crews operating peaked at 744 in September 1981 and began a decline which continued throughout 1982. By December 1982, the number had reached 477, the lowest level since March 1980.[7]

Figure 3. Petroleum Products Supplied for Domestic Use
(Million Barrels per Day)



[1]Other petroleum products include liquefied petroleum gases, jet fuels, and petrochemical feedstocks.

Source: *Petroleum Supply Annual 1982* (June 1983)

Prices

Most petroleum prices declined steadily through the first 4 months of the year including: average domestic wellhead prices of crude oil, the composite refinery acquisition costs of domestic and foreign oil, the average wholesale and retail prices of diesel fuel and heating oil, the average wholesale prices of residual fuel oil and the average retail price for motor gasoline. By December the average domestic wellhead price of crude oil was $28.12 per barrel, $2.60 below that of one year earlier, and the average composite refiner acquisition cost in December was about 9 percent below the cost at the end of 1981. The average retail price of motor gasoline, at $1.24 per gallon in December, was about 8 percent below the average price in December 1981.[8]

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[5] Hughes Tool Company, *Rotary Rigs Running—by State* (December 1981–December 1982).

[6] American Petroleum Institute, *Report on Drilling Activity in the United States* (January 1981 - December 1982).

[7] Society of Exploration Geologists, "SEG News Release," (January 1980–December 1982).

[8] *Monthly Energy Review* (April 1983), p. 82.

Historical Statistics

Crude Oil[1] and Petroleum Products Overview

		Field Production			Stock Withdrawal[2]			Ending Stocks[3]
		Total Domestic[4]	Crude Oil	Natural Gas Plant Production	Crude Oil[5]	Petroleum Products	Petroleum Products Supplied	Crude Oil[5] and Petroleum Products
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**10,975**	**9,208**	**1,738**	**11**	**-146**	**17,308**	**1,008**
1974	**AVERAGE**	**10,498**	**8,774**	**1,688**	**-62**	**-117**	**16,653**	**[6] 1,074**
1975	**AVERAGE**	**10,045**	**8,375**	**1,633**	**-17**	**-145**	**16,322**	**1,133**
1976	**AVERAGE**	**9,774**	**8,132**	**1,603**	**-39**	**96**	**17,461**	**1,112**
1977	**AVERAGE**	**9,913**	**8,245**	**1,618**	**-170**	**-378**	**18,431**	**1,312**
1978	**AVERAGE**	**10,328**	**8,707**	**1,567**	**-78**	**172**	**18,847**	**1,278**
1979	**AVERAGE**	**10,179**	**8,552**	**1,584**	**-148**	**-25**	**18,513**	**1,341**
1980	**AVERAGE**	**10,214**	**8,597**	**1,573**	**-98**	**-42**	**17,056**	**[6] 1,392**
1981	January	10,231	8,540	1,652	50	1,159	18,430	1,388
	February	10,294	8,604	1,653	-278	250	16,989	1,389
	March	10,272	8,613	1,624	-632	224	15,907	1,401
	April	10,195	8,557	1,599	-595	148	15,350	1,415
	May	10,160	8,501	1,593	-391	-374	15,353	1,438
	June	10,287	8,629	1,594	-135	406	16,095	1,430
	July	10,098	8,500	1,548	-360	91	15,682	1,439
	August	10,243	8,583	1,614	397	-999	15,263	1,457
	September	10,281	8,604	1,612	-285	-341	15,655	1,476
	October	10,225	8,563	1,598	-760	477	15,822	1,485
	November	10,269	8,586	1,630	-325	-233	15,593	1,501
	December	10,220	8,585	1,590	-170	745	16,596	1,484
	AVERAGE	**10,230**	**8,572**	**1,609**	**-290**	**130**	**16,058**	
1982	January	10,128	8,509	1,578	-401	1,298	16,124	1,456
	February	10,312	8,702	1,563	-242	1,230	16,001	1,428
	March	10,284	8,667	1,572	121	1,047	15,560	1,392
	April	10,188	8,591	1,542	-37	1,583	16,046	1,346
	May	10,244	8,683	1,518	29	-66	14,847	1,347
	June	10,212	8,646	1,511	40	-489	14,998	1,360
	July	10,229	8,658	1,513	-147	-926	14,821	1,393
	August	10,215	8,634	1,524	-440	-44	14,839	1,408
	September	10,279	8,701	1,518	263	-447	15,022	1,414
	October	10,299	8,701	1,530	-548	-47	14,859	1,432
	November	10,359	8,697	1,609	-398	-361	15,009	1,455
	December	10,276	8,598	1,628	128	688	15,487	1,430
	AVERAGE	**10,252**	**8,649**	**1,550**	**-136**	**283**	**15,296**	

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[1] Includes lease condensate.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[3] Ending stocks for 1973-1980 are totals as of December 31.

[4] Includes crude oil, natural gas plant production, other hydrocarbons and alcohol.

[5] Includes stocks located in the Strategic Petroleum Reserve.

[6] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-1,121 and 1980-1,420. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

Totals may not equal sum of components due to independent rounding.

Geographic coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

Crude Oil[1] and Petroleum Products Overview (continued)

		Imports			Exports			
		Total	Crude Oil[2]	Petroleum Products	Total	Crude Oil	Petroleum Products	Net[3] Imports
		Thousand Barrels per Day						
1973	**AVERAGE**	**6,256**	**3,244**	**3,012**	**231**	**2**	**229**	**6,025**
1974	**AVERAGE**	**6,112**	**3,477**	**2,635**	**221**	**3**	**218**	**5,892**
1975	**AVERAGE**	**6,056**	**4,105**	**1,951**	**209**	**6**	**204**	**5,846**
1976	**AVERAGE**	**7,313**	**5,287**	**2,026**	**223**	**8**	**215**	**7,090**
1977	**AVERAGE**	**8,807**	**6,615**	**2,193**	**243**	**50**	**193**	**8,565**
1978	**AVERAGE**	**8,363**	**6,356**	**2,008**	**362**	**158**	**204**	**8,002**
1979	**AVERAGE**	**8,456**	**6,519**	**1,937**	**472**	**235**	**237**	**7,984**
1980	**AVERAGE**	**6,909**	**5,263**	**1,646**	**544**	**287**	**258**	**6,365**
1981	January	6,827	4,932	1,895	558	339	219	6,270
	February	6,772	4,873	1,899	569	198	371	6,203
	March	6,028	4,521	1,507	586	210	376	5,442
	April	5,668	4,338	1,330	570	198	372	5,098
	May	5,775	4,287	1,489	595	312	283	5,180
	June	5,435	4,061	1,375	420	123	297	5,015
	July	5,816	4,296	1,521	571	257	314	5,245
	August	5,767	4,179	1,588	644	204	440	5,123
	September	6,365	4,740	1,624	519	194	325	5,845
	October	5,959	4,380	1,579	738	226	512	5,221
	November	5,741	4,046	1,695	701	278	423	5,041
	December	5,843	4,137	1,706	656	189	467	5,187
	AVERAGE	**5,996**	**4,396**	**1,599**	**595**	**228**	**367**	**5,401**
1982	January	5,332	3,693	1,639	829	238	591	4,503
	February	4,807	2,990	1,817	804	304	499	4,003
	March	4,484	2,874	1,610	882	321	561	3,602
	April	4,378	2,849	1,529	786	174	611	3,593
	May	4,811	3,309	1,503	803	262	542	4,008
	June	5,327	3,836	1,491	703	94	609	4,624
	July	5,890	4,248	1,642	741	229	512	5,149
	August	5,244	3,851	1,392	858	304	554	4,386
	September	5,414	3,636	1,778	791	184	606	4,624
	October	5,306	3,670	1,636	932	270	662	4,374
	November	5,744	3,862	1,882	786	262	524	4,958
	December	4,606	3,000	1,605	860	193	667	3,746
	AVERAGE	**5,113**	**3,488**	**1,625**	**815**	**236**	**579**	**4,298**

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[1] Includes lease condensate.

[2] Includes crude oil for storage in the Strategic Petroleum Reserve.

[3] Net Imports = Imports minus Exports.

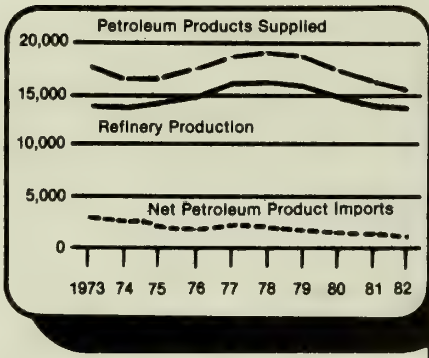
Totals may not equal sum of components due to independent rounding.

Geographic coverage: The 50 United States and the District of Columbia.

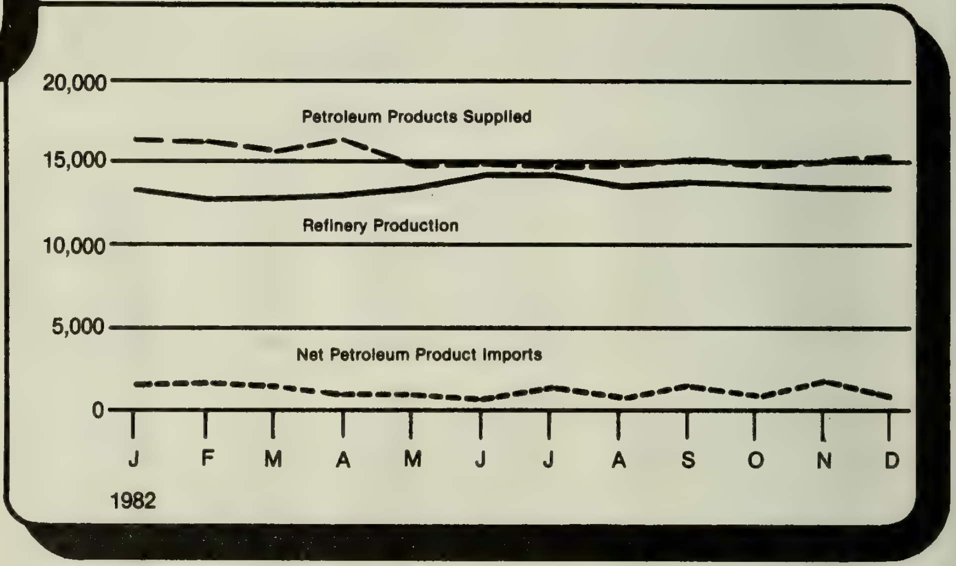
Sources: See "Sources" at the end of this section.

Petroleum Overview

(Thousand Barrels Per Day)



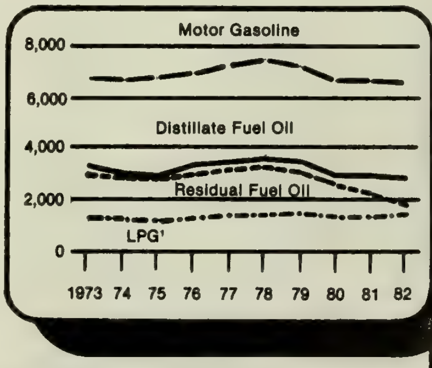
Annual



Monthly

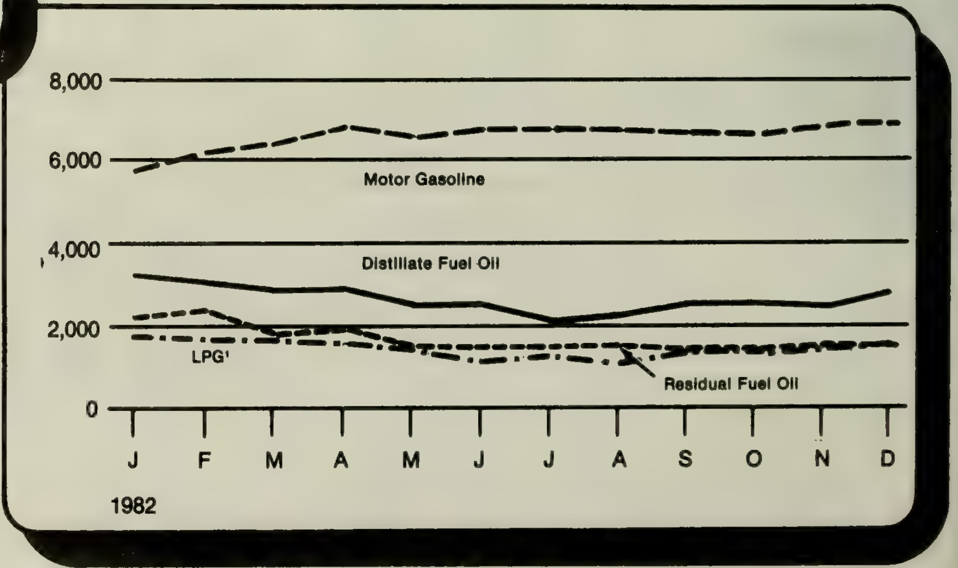
Petroleum Products Supplied

(Thousand Barrels Per Day)



Annual

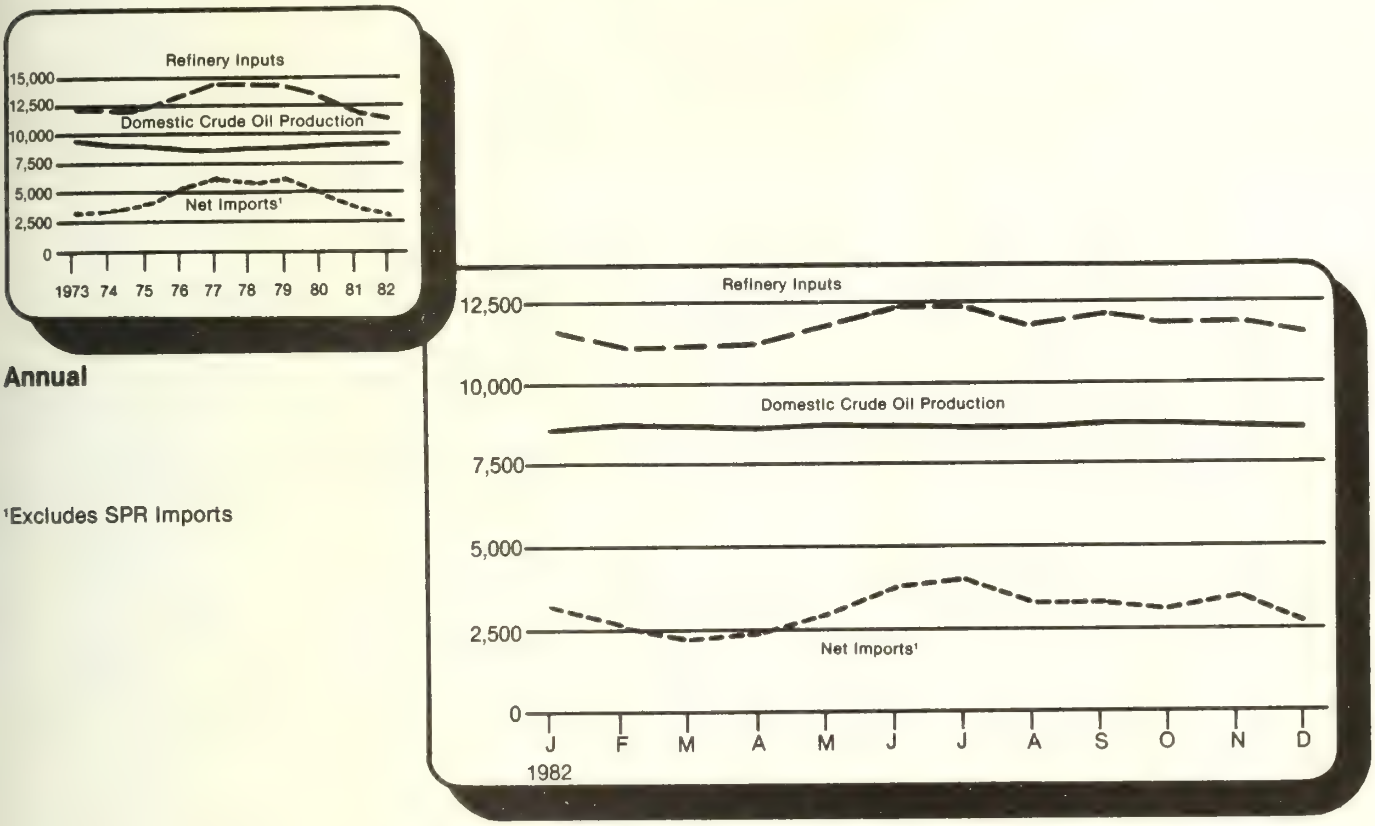
¹Liquefied Petroleum Gases



Monthly

Crude Oil Supply and Disposition

(Thousand Barrels Per Day)



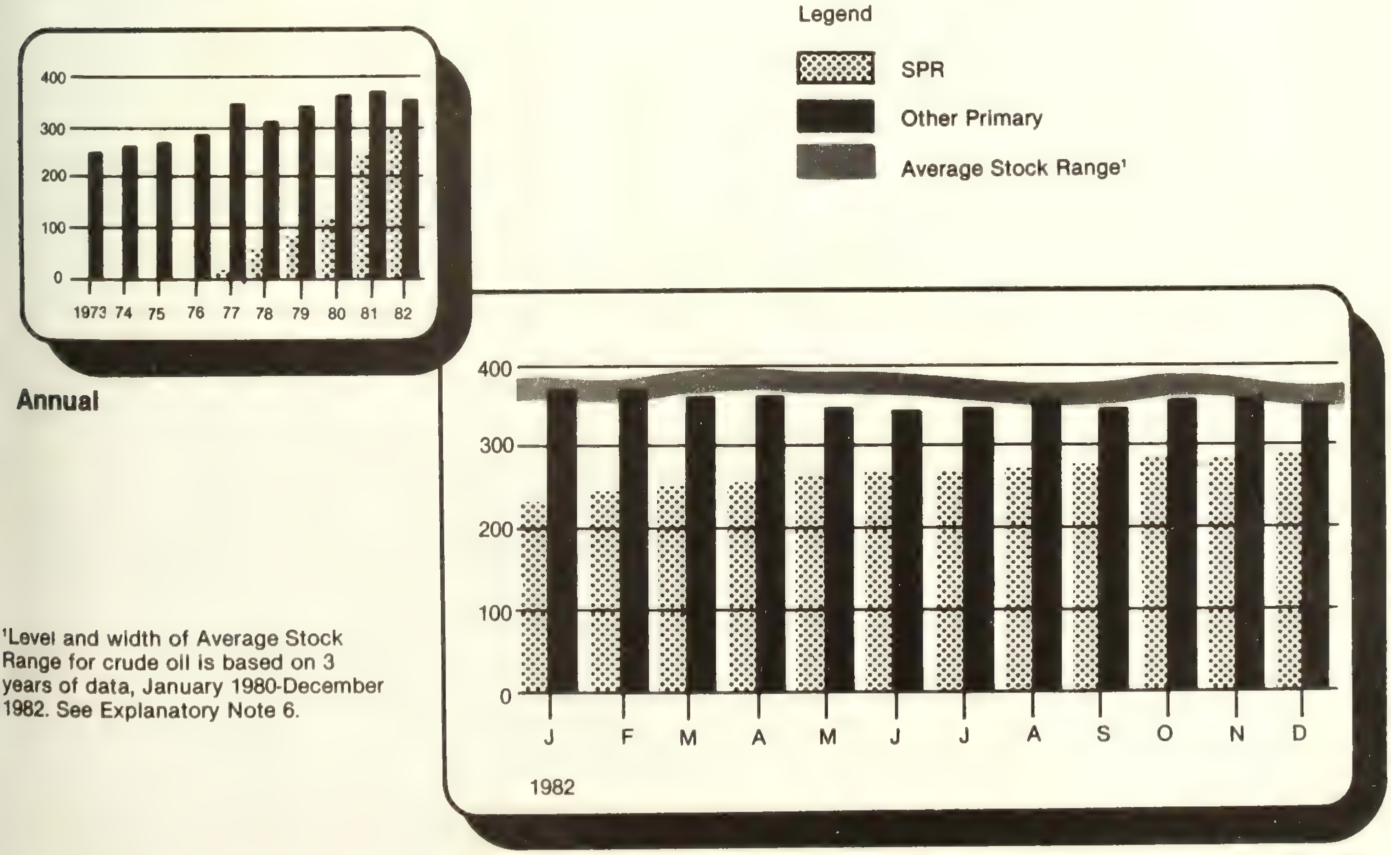
Annual

Monthly

[1] Excludes SPR Imports

Crude Oil Ending Stocks

(Millions of Barrels)



Annual

Monthly

[1] Level and width of Average Stock Range for crude oil is based on 3 years of data, January 1980-December 1982. See Explanatory Note 6.

Crude Oil[1] Supply and Disposition

		Supply						
		Field Production		Imports			Stock Withdrawal[2]	
		Total Domestic	Alaskan	Total	SPR[3]	Other	SPR	Other
		Thousand Barrels per Day						
1973	**AVERAGE**	**9,208**	**198**	**3,244**		**3,244**		**11**
1974	**AVERAGE**	**8,774**	**193**	**3,477**		**3,477**		**-62**
1975	**AVERAGE**	**8,375**	**191**	**4,105**		**4,105**		**-17**
1976	**AVERAGE**	**8,132**	**173**	**5,287**		**5,287**		**-39**
1977	**AVERAGE**	**8,245**	**464**	**6,615**	**21**	**6,594**	**-20**	**-150**
1978	**AVERAGE**	**8,707**	**1,229**	**6,356**	**162**	**6,195**	**-163**	**84**
1979	**AVERAGE**	**8,552**	**1,401**	**6,519**	**67**	**6,452**	**-67**	**-81**
1980	**AVERAGE**	**8,597**	**1,617**	**5,263**	**44**	**5,219**	**-45**	**-52**
1981	January	8,540	1,606	4,932	106	4,826	-151	201
	February	8,604	1,619	4,873	80	4,793	-127	-150
	March	8,613	1,618	4,521	140	4,382	-155	-477
	April	8,557	1,608	4,338	272	4,066	-444	-151
	May	8,501	1,580	4,287	386	3,901	-513	122
	June	8,629	1,632	4,061	318	3,743	-434	299
	July	8,500	1,605	4,296	175	4,121	-324	-36
	August	8,583	1,602	4,179	257	3,922	-372	769
	September	8,604	1,607	4,740	435	4,305	-486	201
	October	8,563	1,596	4,380	453	3,927	-501	-259
	November	8,586	1,614	4,046	271	3,774	-259	-66
	December	8,585	1,623	4,137	165	3,971	-252	82
	AVERAGE	**8,572**	**1,609**	**4,396**	**256**	**4,141**	**-336**	**46**
1982	January	8,509	1,705	3,693	170	3,523	-159	-242
	February	8,702	1,707	2,990	159	2,830	-213	-29
	March	8,667	1,696	2,874	185	2,689	-235	357
	April	8,591	1,691	2,849	190	2,659	-233	196
	May	8,683	1,707	3,309	204	3,105	-176	205
	June	8,646	1,665	3,836	105	3,732	-105	144
	July	8,658	1,710	4,248	97	4,150	-97	-50
	August	8,634	1,697	3,851	208	3,643	-208	-232
	September	8,701	1,705	3,636	139	3,497	-143	406
	October	8,701	1,706	3,670	216	3,454	-216	-332
	November	8,697	1,676	3,862	180	3,683	-179	-219
	December	8,598	1,682	3,000	124	2,877	-125	252
	AVERAGE	**8,649**	**1,696**	**3,488**	**165**	**3,323**	**-174**	**38**

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[1] Includes lease condensate.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[3] Strategic Petroleum Reserve.

Totals may not equal sum of components due to independent rounding.

Note: Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

Geographic coverage: The 50 United States and District of Columbia.

Sources: See "Sources" at the end of this section.

rude Oil[1] Supply and Disposition (continued)

		Supply (Continued)		Disposition		Ending Stocks[2]		
		Unac-counted for Crude Oil	Crude Used Directly and Losses	Refinery Inputs	Exports	Total Crude Oil	SPR[3]	Other Primary
		Thousand Barrels per Day				Millions of Barrels		
973	**AVERAGE**	**3**	**-32**	**12,431**	**2**	**242**		**242**
974	**AVERAGE**	**-25**	**-28**	**12,133**	**3**	[4] **265**		[4] **265**
975	**AVERAGE**	**17**	**-30**	**12,442**	**6**	**271**		**271**
976	**AVERAGE**	**77**	**-33**	**13,416**	**8**	**285**		**285**
977	**AVERAGE**	**-6**	**-30**	**14,602**	**50**	**348**	**7**	**340**
978	**AVERAGE**	**-57**	**-30**	**14,739**	**158**	**376**	**67**	**309**
979	**AVERAGE**	**-11**	**-29**	**14,648**	**235**	**430**	**91**	**339**
980	**AVERAGE**	**34**	**-28**	**13,481**	**287**	[4] **466**	**108**	[4] **358**
981	January	113	-49	13,247	339	486	112	374
	February	-41	-58	12,902	198	494	116	378
	March	154	-63	12,383	210	514	121	393
	April	51	-62	12,091	198	532	134	397
	May	286	-62	12,309	312	544	150	394
	June	49	-65	12,415	123	548	163	385
	July	147	-65	12,261	257	559	173	386
	August	16	-63	12,908	204	547	185	362
	September	-295	-65	12,505	194	555	199	356
	October	166	-66	12,057	226	579	215	364
	November	279	-68	12,240	278	589	223	366
	December	52	-67	12,349	189	594	230	363
	AVERAGE	**83**	**-63**	**12,470**	**228**			
1982	January	101	-66	11,599	238	606	235	371
	February	156	-66	11,236	304	613	241	372
	March	2	-68	11,276	321	609	249	361
	April	231	-68	11,392	174	610	256	355
	May	111	-65	11,806	262	609	261	348
	June	133	-67	12,494	94	608	264	344
	July	-20	-63	12,446	229	613	267	346
	August	189	-59	11,871	304	626	274	353
	September	-210	-60	12,146	184	619	278	341
	October	249	-53	11,749	270	636	285	351
	November	-124	-52	11,724	262	648	290	358
	December	35	-54	11,514	193	644	294	350
	AVERAGE	**71**	**-62**	**11,774**	**236**			

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[1] Includes lease condensate.

[2] Ending stocks for 1973-1980 are totals as of December 31.

[3] Strategic Petroleum Reserve.

[4] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-265 and 1980-483 (Total) and 375 (Other Primary).

Totals may not equal sum of components due to independent rounding.

Geographic coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

Finished Motor Gasoline Supply and Disposition

		Supply			Disposition				Ending Stocks[1]	
						Product Supplied				
		Total Production	Imports[2]	Stock Withdrawal[2] [3]	Exports	Total	Unleaded[5]	Unleaded	Total Motor Gasoline[4]	Finished Motor Gasoline
		Thousand Barrels per Day						Percent of Total	Millions of Barrels	
1973	AVERAGE	6,535	134	9	4	6,674	NA	NA	209	
1974	AVERAGE	6,360	204	-24	2	6,537	NA	NA	[6] 218	
1975	AVERAGE	6,520	184	-28	2	6,675	NA	NA	235	
1976	AVERAGE	6,841	131	10	3	6,978	NA	NA	231	
1977	AVERAGE	7,033	217	-72	2	7,177	1,976	27.5	258	
1978	AVERAGE	7,169	190	54	1	7,412	2,521	34.0	238	
1979	AVERAGE	6,852	181	2	(s)	7,034	2,798	39.8	237	
1980	AVERAGE	6,506	140	-66	1	6,579	3,067	46.6	[6] 261	
1981	January	6,715	138	-421	(s)	6,431	3,141	48.8	276	227
	February	6,308	111	-118	1	6,301	3,095	49.1	284	230
	March	6,213	171	-81	(s)	6,303	3,097	49.1	285	232
	April	6,114	186	303	(s)	6,602	3,284	49.7	272	223
	May	6,122	150	344	1	6,615	3,115	47.1	259	213
	June	6,220	186	622	1	7,028	3,419	48.6	242	194
	July	6,405	151	268	(s)	6,823	3,424	50.2	228	186
	August	6,611	124	-95	3	6,637	3,344	50.4	233	189
	September	6,564	169	-70	2	6,662	3,338	50.1	237	191
	October	6,426	147	7	3	6,578	3,257	49.5	236	190
	November	6,564	148	-338	1	6,373	3,198	50.2	248	201
	December	6,586	197	-91	11	6,681	3,444	51.5	253	203
	AVERAGE	6,405	157	28	2	6,588	3,264	49.5		
1982	January	6,167	128	-316	18	5,961	3,067	51.5	261	213
	February	5,899	133	172	8	6,196	3,210	51.8	257	208
	March	5,994	183	334	44	6,466	3,358	51.9	247	198
	April	6,095	185	650	33	6,897	3,495	50.7	221	179
	May	6,319	182	177	23	6,655	3,415	51.3	214	173
	June	6,754	230	-134	14	6,835	3,565	52.2	219	177
	July	6,768	225	-178	24	6,790	3,577	52.7	226	183
	August	6,419	291	-81	16	6,614	3,526	53.3	227	185
	September	6,527	223	-198	22	6,531	3,404	52.1	234	191
	October	6,262	185	-42	15	6,391	3,351	52.4	234	192
	November	6,273	211	101	11	6,574	3,451	52.5	230	189
	December	6,542	178	-165	7	6,549	3,485	53.2	235	194
	AVERAGE	6,338	197	25	20	6,539	3,409	52.1		

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[1] Ending stocks for 1973-1980 are totals as of December 31.

[2] Beginning in 1981, excludes blending components.

[3] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[4] Includes motor gasoline blending components.

[5] Includes gasohol.

[6] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-225 and 1980-263. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

(s) = Less than 500 barrels.

Totals may not equal sum of components due to independent rounding.

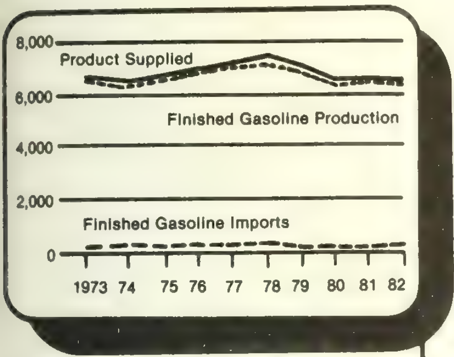
Note: Beginning in January 1981, survey forms were modified.

Geographic coverage: The 50 United States and the District of Columbia.

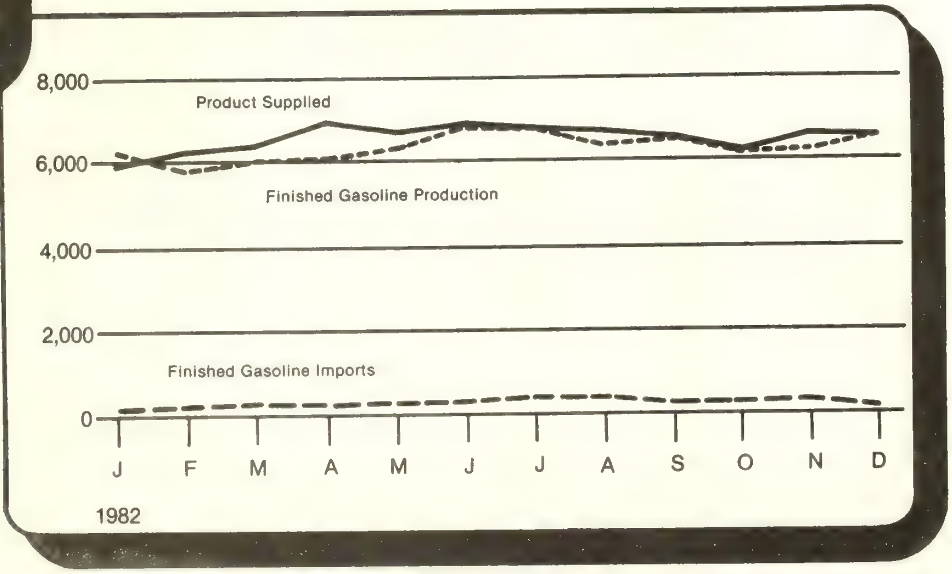
Sources: See "Sources" at the end of this section.

Motor Gasoline Supply and Disposition

(Thousand Barrels Per Day)



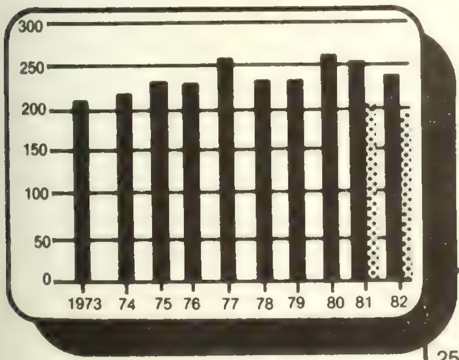
Annual



Monthly

Motor Gasoline Ending Stocks

(Millions of Barrels)



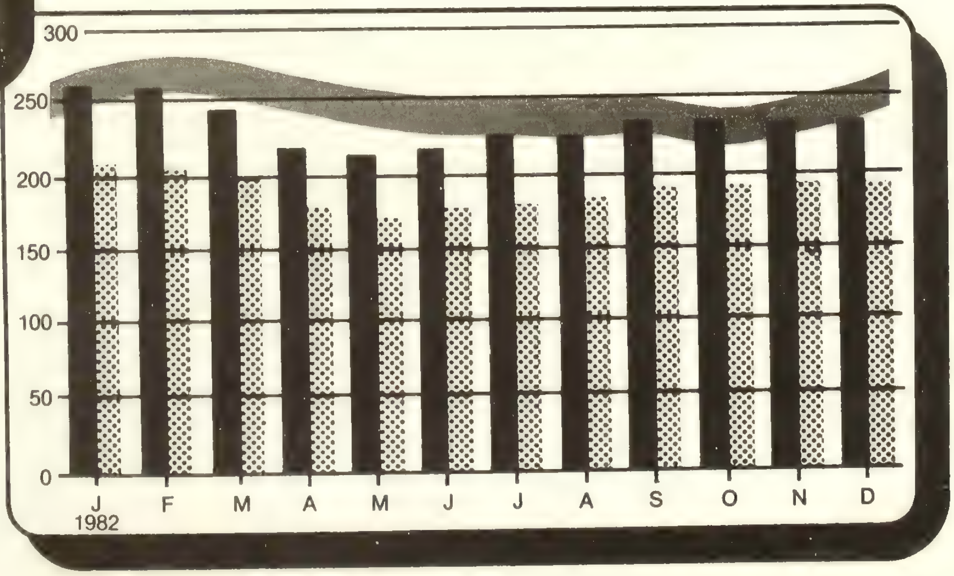
Annual

Legend

■ Total Motor Gasoline[1]

▨ Finished Motor Gasoline

▒ Average Stock Range[2]



Monthly

Includes finished motor gasoline blending components.

Level and width of Average Stock Range for total motor gasoline is based on 3 years of data, January 1982-December 1982. See Explanatory Note 6.

Distillate Fuel Oil Supply and Disposition

		Supply				Disposition		Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Crude Used Directly	Exports	Product Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**2,822**	**392**	**-115**	**2**	**9**	**3,092**	**196**
1974	**AVERAGE**	**2,669**	**289**	**-9**	**2**	**2**	**2,948**	[3] **200**
1975	**AVERAGE**	**2,654**	**155**	**40**	**2**	**1**	**2,851**	**209**
1976	**AVERAGE**	**2,924**	**146**	**62**	**1**	**1**	**3,133**	**186**
1977	**AVERAGE**	**3,278**	**250**	**-176**	**1**	**1**	**3,352**	**250**
1978	**AVERAGE**	**3,167**	**173**	**93**	**1**	**3**	**3,432**	**216**
1979	**AVERAGE**	**3,153**	**193**	**-34**	**1**	**3**	**3,311**	**229**
1980	**AVERAGE**	**2,662**	**142**	**64**	**1**	**3**	**2,866**	[3] **205**
1981	January	2,989	273	836	11	(^{s})	4,109	179
	February	2,809	325	246	11	17	3,373	173
	March	2,484	147	264	9	(^{s})	2,904	164
	April	2,418	116	-9	10	3	2,532	165
	May	2,454	179	-232	10	(^{s})	2,411	172
	June	2,501	225	-270	9	(^{s})	2,464	180
	July	2,395	179	-204	10	2	2,378	186
	August	2,656	174	-450	8	(^{s})	2,388	200
	September	2,610	129	-235	10	1	2,513	207
	October	2,485	119	197	9	5	2,803	201
	November	2,716	124	36	11	6	2,880	200
	December	2,856	95	277	11	26	3,212	192
	AVERAGE	**2,613**	**173**	**38**	**10**	**5**	**2,829**	
1982	January	2,591	97	876	10	90	3,484	164
	February	2,427	132	605	11	90	3,085	147
	March	2,288	48	682	10	84	2,945	126
	April	2,358	59	612	13	64	2,978	108
	May	2,618	74	-183	10	75	2,444	114
	June	2,729	102	-335	10	55	2,452	124
	July	2,734	125	-789	11	24	2,058	148
	August	2,507	80	-339	10	40	2,218	159
	September	2,657	61	-85	12	139	2,507	161
	October	2,838	91	-289	8	66	2,581	170
	November	2,860	145	-514	8	24	2,475	186
	December	2,655	109	225	10	143	2,855	179
	AVERAGE	**2,606**	**93**	**35**	**10**	**74**	**2,671**	

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[1] Ending stocks for 1973 - 1980 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[3] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-224 and 1980-205. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

(^{s}) = Less than 500 barrels per day.

Totals may not equal sum of components due to independent rounding.

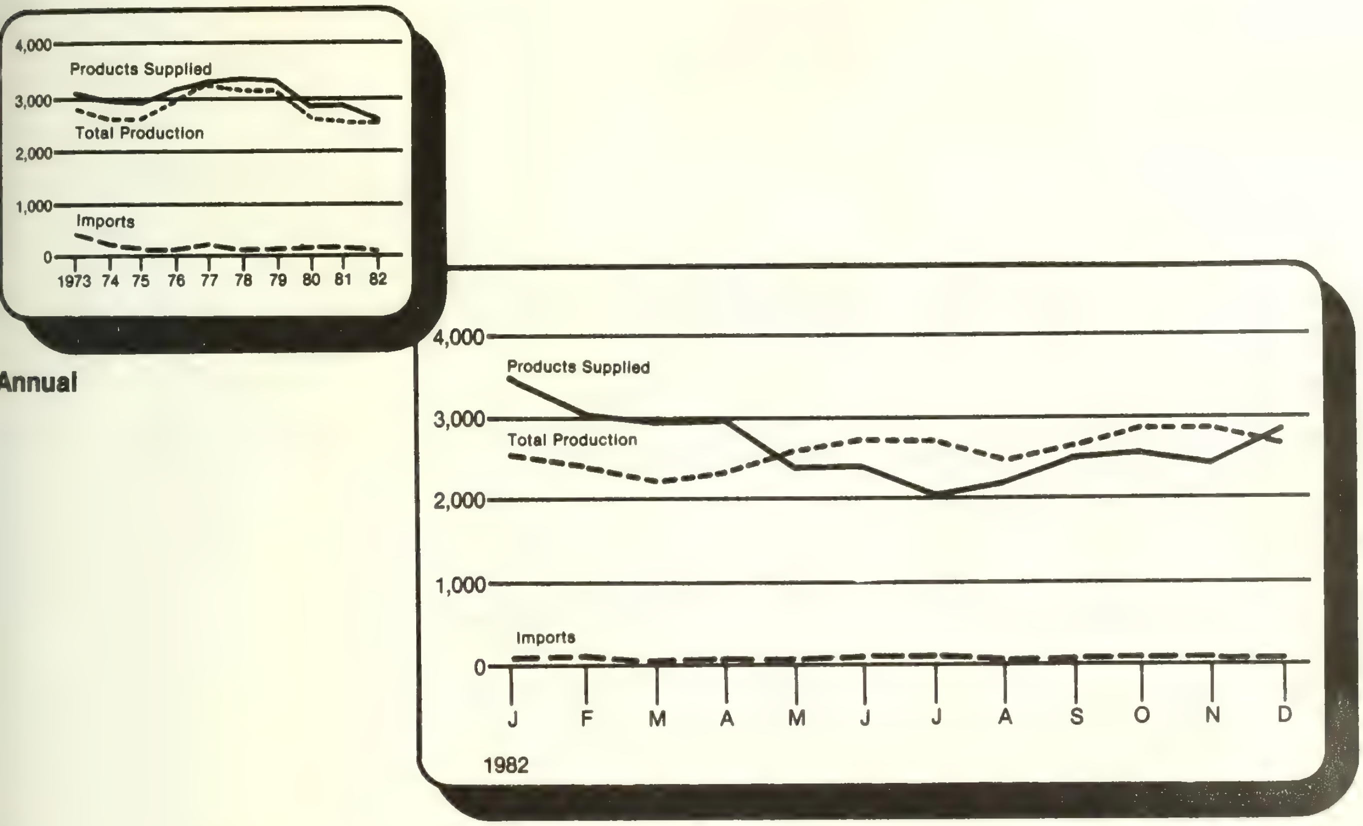
Note: Beginning in January 1981, survey forms were modified.

Geographic coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

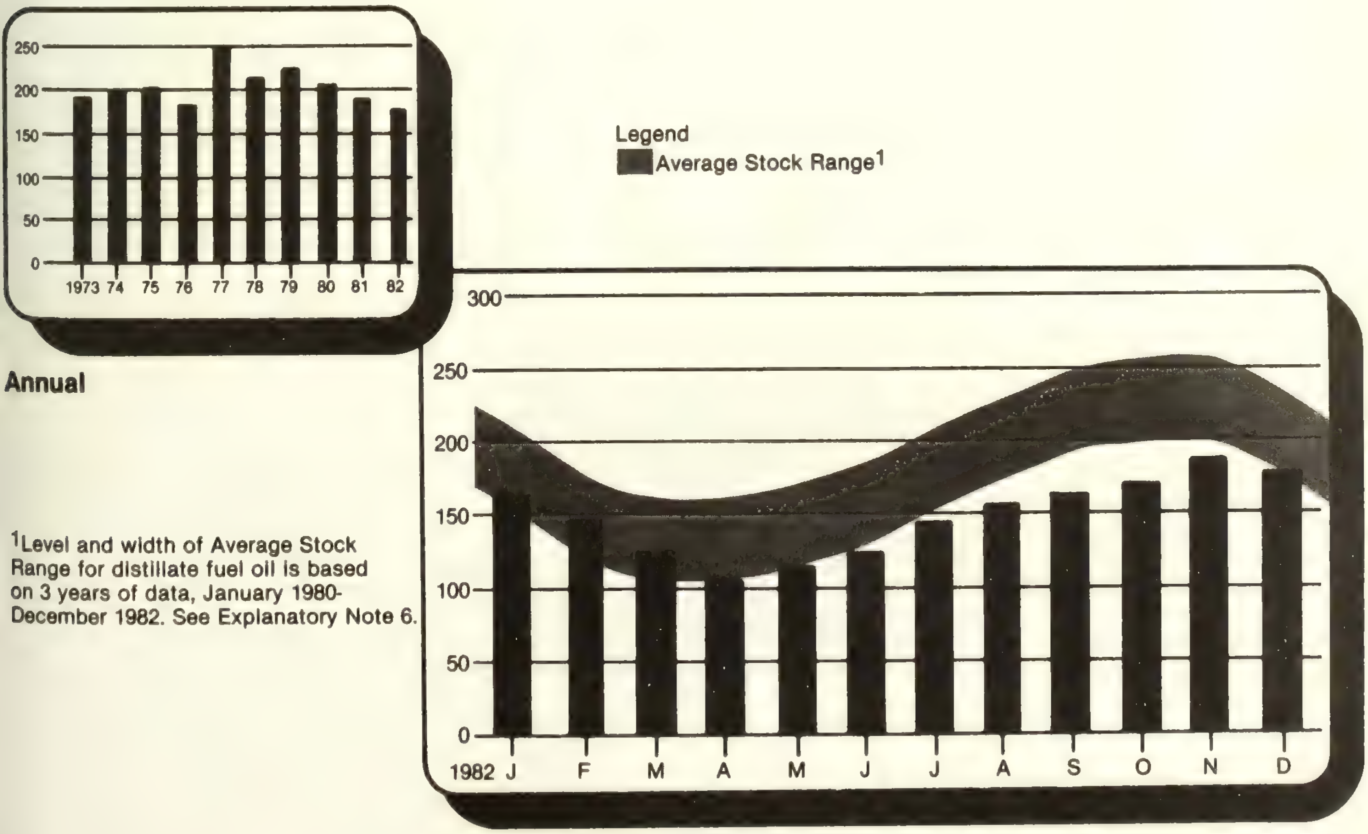
Distillate Fuel Oil Supply and Disposition

(Thousand Barrels Per Day)



Distillate Fuel Oil Ending Stocks

(Millions of Barrels)



[1] Level and width of Average Stock Range for distillate fuel oil is based on 3 years of data, January 1980-December 1982. See Explanatory Note 6.

Residual Fuel Oil Supply and Disposition

		Supply				Disposition		Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Crude Used Directly	Exports	Products Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**971**	**1,853**	**5**	**17**	**23**	**2,822**	**53**
1974	**AVERAGE**	**1,070**	**1,587**	**-17**	**13**	**14**	**2,639**	[3] **60**
1975	**AVERAGE**	**1,235**	**1,223**	**2**	**15**	**15**	**2,462**	**74**
1976	**AVERAGE**	**1,377**	**1,413**	**5**	**17**	**12**	**2,801**	**72**
1977	**AVERAGE**	**1,754**	**1,359**	**-48**	**13**	**6**	**3,071**	**90**
1978	**AVERAGE**	**1,667**	**1,355**	**-1**	**13**	**13**	**3,023**	**90**
1979	**AVERAGE**	**1,687**	**1,151**	**-15**	**12**	**9**	**2,826**	**96**
1980	**AVERAGE**	**1,580**	**939**	**10**	**12**	**33**	**2,508**	[3] **92**
1981	January	1,612	1,015	302	32	65	2,896	82
	February	1,565	954	150	44	125	2,588	78
	March	1,424	699	100	48	145	2,126	75
	April	1,320	584	66	49	151	1,868	73
	May	1,223	741	-170	49	25	1,817	78
	June	1,232	540	291	49	76	2,037	69
	July	1,174	830	2	48	82	1,971	69
	August	1,231	819	-179	50	69	1,852	75
	September	1,292	841	-176	51	126	1,882	80
	October	1,238	786	8	54	202	1,884	80
	November	1,227	880	-49	53	203	1,909	81
	December	1,329	916	110	52	157	2,250	78
	AVERAGE	**1,321**	**800**	**37**	**48**	**118**	**2,088**	
1982	January	1,235	831	301	53	235	2,185	69
	February	1,186	956	363	53	213	2,344	58
	March	1,123	912	12	53	197	1,903	58
	April	1,166	788	150	52	234	1,923	54
	May	1,128	742	-172	52	191	1,560	59
	June	1,074	652	-57	50	217	1,501	61
	July	1,028	657	56	49	239	1,550	59
	August	965	551	203	47	235	1,531	53
	September	1,008	872	-306	44	148	1,470	62
	October	955	783	-57	43	234	1,490	64
	November	989	837	-94	43	182	1,591	66
	December	989	747	6	43	186	1,598	66
	AVERAGE	**1,070**	**776**	**32**	**48**	**209**	**1,716**	

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[1] Ending Stocks for 1973-1980 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[3] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-75 and 1980-91. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

Totals may not equal sum of components due to independent rounding.

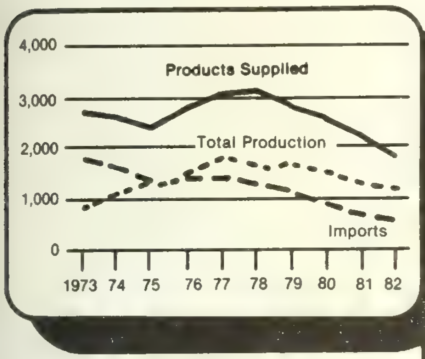
Note: Beginning in January 1981, survey forms were modified.

Geographic Coverage: The 50 United States and the District of Columbia.

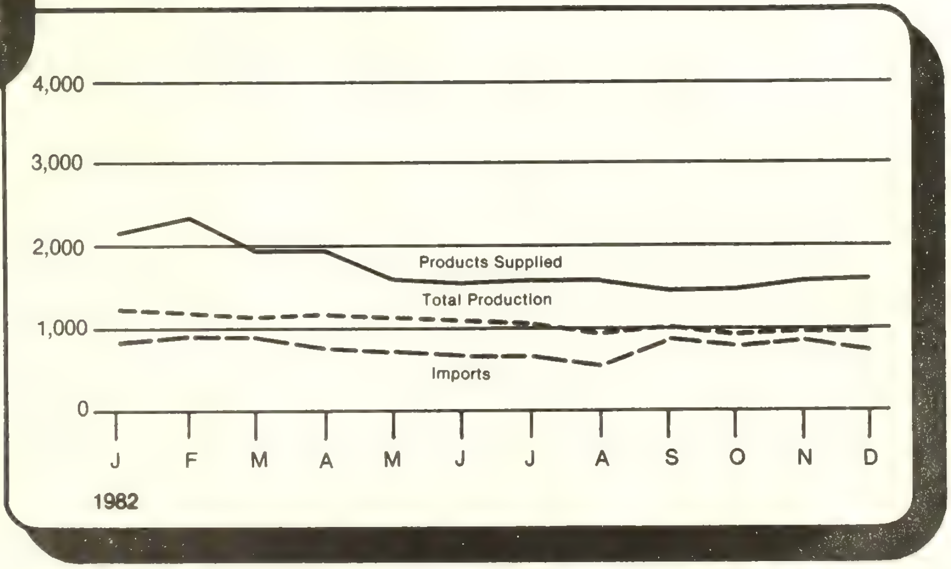
Sources: See "Sources" at the end of this section.

Residual Fuel Oil Supply and Disposition

(Thousand Barrels Per Day)



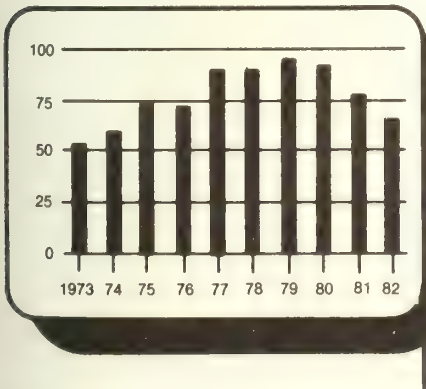
Annual

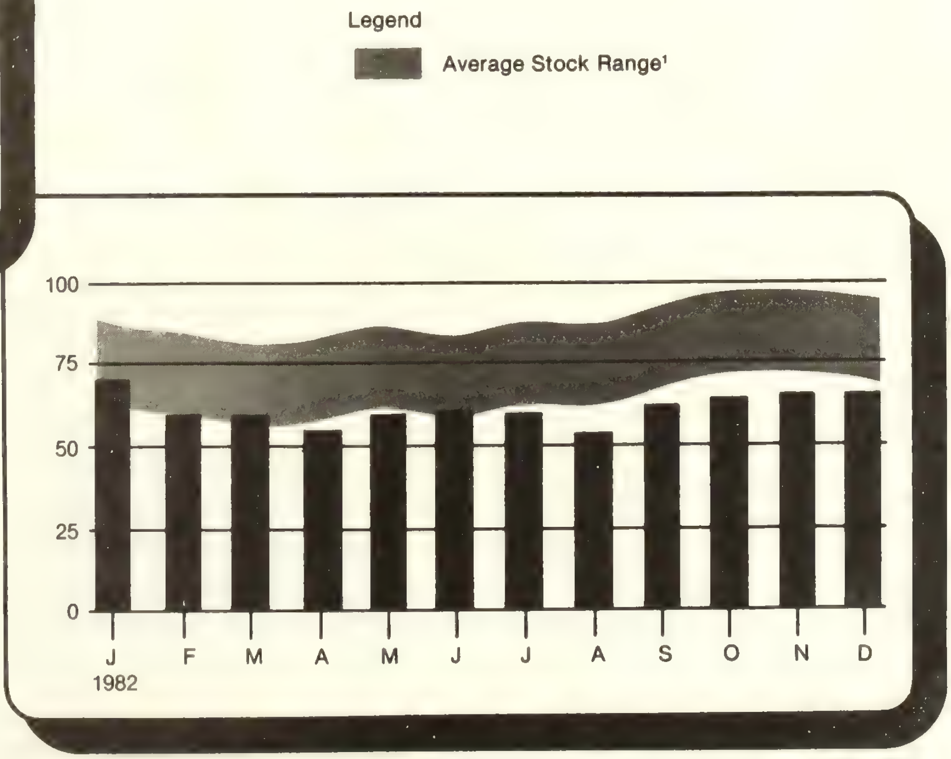


Monthly

Residual Fuel Oil Ending Stocks

(Millions of Barrels)





Monthly

[1] Level and width of Average Stock Range for residual fuel oil is based on 3 years of data, January 1980-December 1982. See Explanatory Note 6.

Liquefied Petroleum Gases and Ethane Supply and Disposition

		Supply			Disposition			Ending Stocks[1]
		Total Production	Imports	Stock Withdrawal[2]	Refinery Inputs	Exports	Product Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**1,600**	**132**	**-35**	**220**	**27**	**1,449**	**99**
1974	**AVERAGE**	**1,565**	**123**	**-38**	**220**	**25**	**1,406**	[3] **113**
1975	**AVERAGE**	**1,527**	**112**	**-35**	**246**	**26**	**1,333**	**125**
1976	**AVERAGE**	**1,535**	**130**	**24**	**260**	**25**	**1,404**	**116**
1977	**AVERAGE**	**1,566**	**161**	**-55**	**233**	**18**	**1,422**	**136**
1978	**AVERAGE**	**1,537**	**123**	**12**	**239**	**20**	**1,413**	**132**
1979	**AVERAGE**	**1,556**	**217**	**70**	**236**	**15**	**1,592**	**111**
1980	**AVERAGE**	**1,535**	**216**	**-27**	**233**	**21**	**1,469**	[3] **120**
1981	January	1,617	306	363	352	21	1,913	117
	February	1,593	327	173	303	21	1,769	112
	March	1,551	260	-4	257	20	1,530	112
	April	1,586	214	-236	231	26	1,308	119
	May	1,587	189	-258	220	19	1,279	127
	June	1,567	206	-208	237	24	1,304	133
	July	1,507	213	-258	215	17	1,229	141
	August	1,592	195	-242	235	149	1,160	149
	September	1,622	199	-75	287	21	1,438	151
	October	1,593	287	72	320	76	1,556	149
	November	1,571	280	86	383	58	1,495	146
	December	1,468	255	379	428	50	1,624	135
	AVERAGE	**1,571**	**244**	**-18**	**289**	**42**	**1,466**	
1982	January	1,565	314	443	391	67	1,863	121
	February	1,466	291	243	327	51	1,621	114
	March	1,544	223	211	289	74	1,615	108
	April	1,506	188	98	257	77	1,458	105
	May	1,565	186	-71	234	43	1,403	107
	June	1,515	192	-86	262	106	1,254	109
	July	1,476	227	-13	253	37	1,399	110
	August	1,511	125	-45	254	61	1,276	111
	September	1,538	247	37	274	85	1,463	110
	October	1,517	194	97	306	81	1,421	107
	November	1,542	267	175	363	37	1,583	102
	December	1,580	258	256	395	56	1,642	94
	AVERAGE	**1,528**	**226**	**111**	**300**	**65**	**1,499**	

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[1] Ending stocks for 1973 - 1980 are totals as of December 31.

[2] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[3] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-113 and 1980-128. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

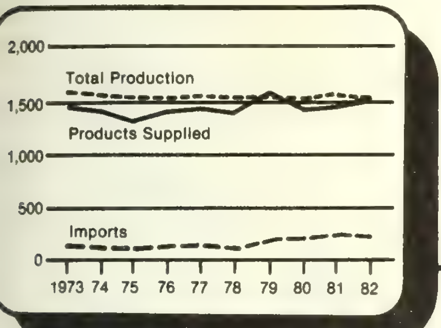
Totals may not equal sum of components due to independent rounding.

Geographic coverage: The 50 United States and the District of Columbia.

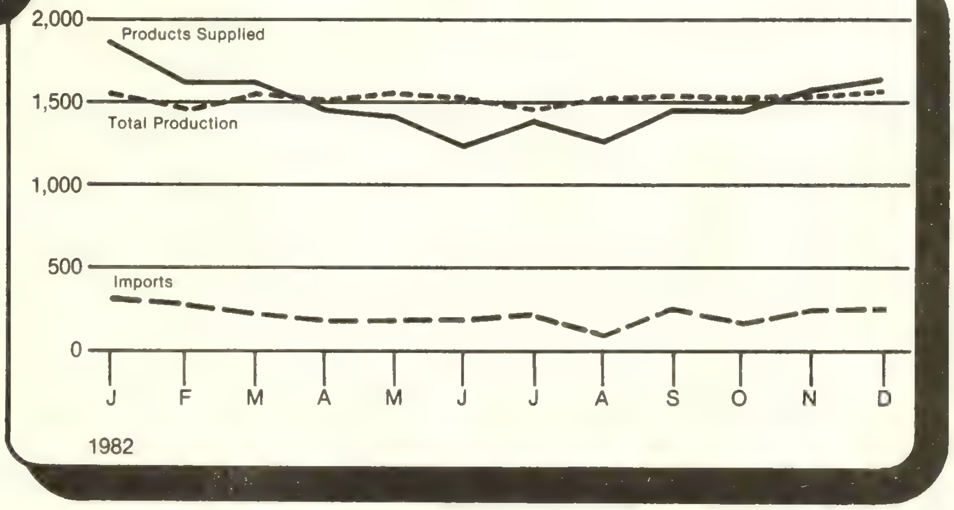
Sources: See "Sources" at the end of this section.

Liquefied Petroleum Gases and Ethane Supply and Disposition

Thousand Barrels Per Day)



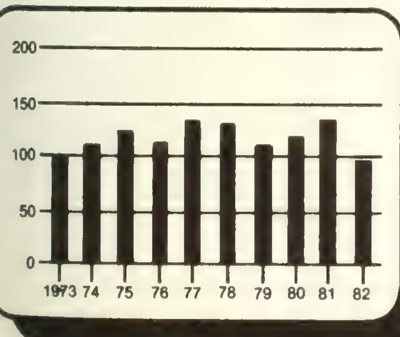
Annual



Monthly

iquefied Petroleum Gases and Ethane Ending Stocks

Millions of Barrels)



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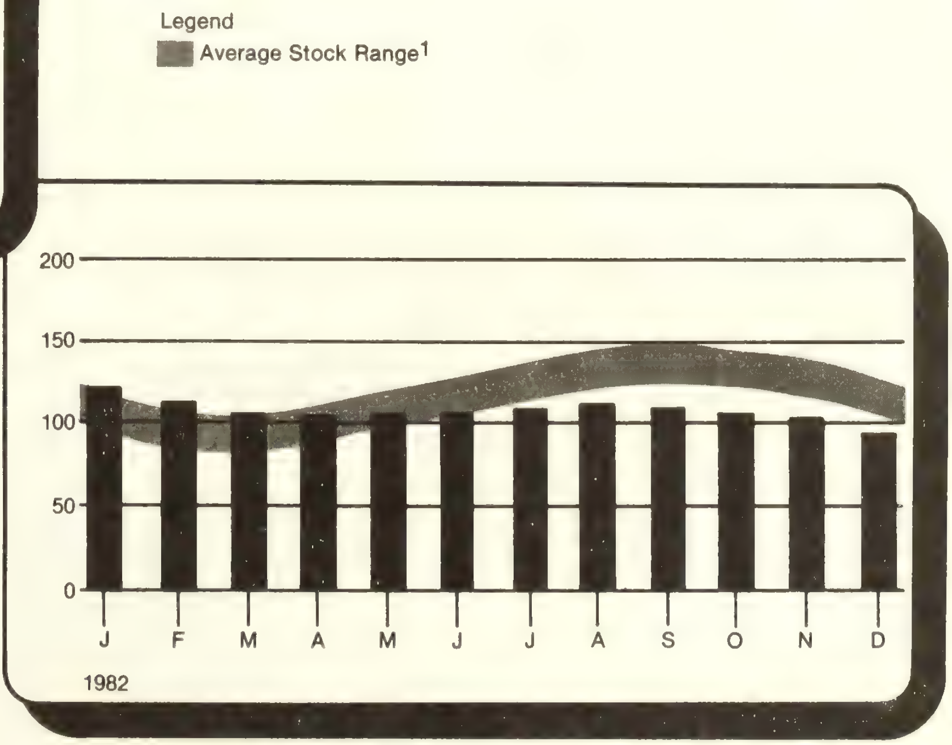

Monthly

evel and width of Average Stock ange for liquefied petroleum gases based on 3 years of data, January 980-December 1982. See Explanatory ote 6.

Other Petroleum Products[1] Supply and Disposition

		Supply			Disposition			Ending Stocks[2]
		Total Production	Imports	Stock Withdrawal[3]	Refinery Inputs	Exports	Products Supplied	
		Thousand Barrels per Day						Millions of Barrels
1973	**AVERAGE**	**3,693**	**502**	**-9**	**750**	**166**	**3,270**	**208**
1974	**AVERAGE**	**3,558**	**432**	**-28**	**665**	**174**	**3,123**	[4] **218**
1975	**AVERAGE**	**3,424**	**277**	**-2**	**537**	**160**	**3,002**	**219**
1976	**AVERAGE**	**3,643**	**206**	**-5**	**524**	**175**	**3,145**	**220**
1977	**AVERAGE**	**3,912**	**205**	**-27**	**514**	**165**	**3,410**	**230**
1978	**AVERAGE**	**4,046**	**166**	**14**	**492**	**167**	**3,568**	**225**
1979	**AVERAGE**	**4,153**	**195**	**-37**	**352**	**209**	**3,749**	**238**
1980	**AVERAGE**	**3,956**	**210**	**-23**	**311**	**198**	**3,634**	[4] **247**
1981	January	3,821	162	80	851	132	3,081	296
	February	3,723	182	-200	538	208	2,958	302
	March	3,722	230	-55	642	210	3,043	304
	April	3,711	230	24	733	192	3,040	303
	May	3,892	229	-58	594	238	3,231	305
	June	3,925	218	-29	656	197	3,261	306
	July	3,852	149	284	791	212	3,282	297
	August	3,876	276	-33	676	219	3,225	298
	September	3,718	285	215	883	176	3,159	291
	October	3,503	241	193	710	227	3,000	285
	November	3,579	262	33	784	154	2,935	284
	December	3,543	243	71	805	223	2,829	282
	AVERAGE	**3,739**	**226**	**46**	**723**	**199**	**3,088**	
1982	January	3,171	269	-7	624	180	2,631	282
	February	3,403	305	-153	663	138	2,755	287
	March	3,466	243	-191	725	161	2,631	293
	April	3,408	309	73	796	204	2,790	290
	May	3,317	318	184	824	210	2,785	285
	June	3,547	315	123	812	216	2,954	281
	July	3,660	408	-1	856	187	3,023	281
	August	3,583	346	217	743	202	3,201	274
	September	3,533	375	105	749	213	3,051	271
	October	3,529	383	244	915	266	2,976	264
	November	3,498	423	-28	837	269	2,786	264
	December	3,324	313	366	885	275	2,842	253
	AVERAGE	**3,453**	**334**	**80**	**787**	**211**	**2,869**	

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[1] Includes natural gasoline and isopentane, unfractionated stream, plant condensate, other liquids; and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, and liquefied petroleum gases.

[2] Ending Stocks for 1973-1980 are totals as of December 31.

[3] A negative number indicates an increase in stocks and a positive number indicates a decrease.

[4] In January 1975 and 1981, significant numbers of new respondents were added to bulk terminal and pipeline surveys as a result of extensive investigation during the previous years. The major impact is on the reporting of stocks and stock withdrawals. Using the expanded coverage (new basis), end of year stocks would be: 1974-220 and 1980-249. Stock withdrawals during 1975 and 1981 are calculated using new basis stock levels.

Totals may not equal sum of components due to independent rounding.

Geographic Coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

Crude Oil and Petroleum Product Imports from OPEC Sources[1]

	Algeria	Libya	Saudi Arabia	United Arab Emirates	Indonesia	Iran	Nigeria	Venezuela	Other OPEC[2]	Total OPEC	Total Arab OPEC[3]
	Thousand Barrels per Day										
1973 AVERAGE	**136**	**164**	**486**	**71**	**213**	**223**	**459**	**1,135**	**106**	**2,993**	**915**
1974 AVERAGE	**190**	**4**	**461**	**74**	**300**	**469**	**713**	**979**	**88**	**3,280**	**752**
1975 AVERAGE	**282**	**232**	**715**	**117**	**390**	**280**	**762**	**702**	**122**	**3,601**	**1,383**
1976 AVERAGE	**432**	**453**	**1,230**	**254**	**539**	**298**	**1,025**	**700**	**134**	**5,066**	**2,424**
1977 AVERAGE	**559**	**723**	**1,380**	**335**	**541**	**535**	**1,143**	**690**	**287**	**6,193**	**3,185**
1978 AVERAGE	**649**	**654**	**1,144**	**385**	**573**	**555**	**919**	**645**	**226**	**5,751**	**2,963**
1979 AVERAGE	**636**	**658**	**1,356**	**281**	**420**	**304**	**1,080**	**690**	**212**	**5,637**	**3,056**
1980 AVERAGE	**488**	**554**	**1,261**	**172**	**348**	**9**	**857**	**481**	**130**	**4,300**	**2,551**
1981											
January	341	500	1,284	93	424	0	908	549	27	4,127	2,219
February	381	468	1,122	93	406	0	866	463	92	3,891	2,064
March	352	485	1,027	47	328	0	771	360	54	3,425	1,912
April	263	485	1,034	68	307	0	812	237	39	3,245	1,867
May	393	443	933	17	297	0	664	331	124	3,203	1,796
June	356	380	865	60	367	0	528	248	118	2,922	1,703
July	333	251	1,073	80	340	0	651	466	38	3,233	1,757
August	348	274	1,082	61	377	0	321	523	84	3,070	1,765
September	336	154	1,477	96	371	0	323	359	149	3,264	2,063
October	242	147	1,342	90	427	0	412	389	172	3,220	1,820
November	210	132	1,270	112	353	0	517	535	56	3,184	1,724
December	176	122	1,045	158	400	0	684	411	132	3,129	1,502
AVERAGE	**311**	**319**	**1,129**	**81**	**366**	**0**	**620**	**406**	**90**	**3,323**	**1,848**
1982											
January	254	161	877	111	289	0	663	376	128	2,859	1,403
February	139	92	693	89	244	0	584	355	102	2,297	1,054
March	91	37	555	155	200	0	522	399	91	2,051	860
April	85	0	511	122	215	0	427	426	85	1,871	740
May	179	0	601	116	236	0	222	422	54	1,830	897
June	115	0	593	94	215	72	537	361	110	2,096	820
July	159	0	660	108	327	69	910	356	95	2,685	965
August	181	0	489	133	271	27	574	299	133	2,107	818
September	179	0	432	57	191	21	477	518	69	1,943	677
October	249	7	494	61	242	108	313	504	106	2,084	810
November	247	14	489	47	283	34	479	528	115	2,235	797
December	155	0	237	12	265	88	462	399	73	1,690	421
AVERAGE	**170**	**26**	**552**	**92**	**248**	**35**	**514**	**412**	**97**	**2,146**	**854**

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[1] Excludes petroleum imported into the United States indirectly from OPEC countries, primarily from Caribbean and West European areas, as refined petroleum products which were refined from crude oil processed in OPEC countries.

[2] Includes Ecuador, Gabon, Iraq, Kuwait, and Qatar.

[3] Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

Totals may not equal sum of components due to independent rounding.

Note: Beginning in October 1977, Strategic Petroleum Reserve imports are included.

Geographic coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

Crude Oil and Petroleum Product Imports from Non-OPEC Sources[1]

	Bahamas	Canada	Mexico	Netherlands Antilles	Trinidad and Tobago	United Kingdom	Puerto Rico[2]	Virgin Islands[2]	Other	Total
	Thousand Barrels per Day									
1973 AVERAGE	**174**	**1,325**	**16**	**585**	**255**	**15**	**99**	**329**	**465**	**3,263**
1974 AVERAGE	**164**	**1,070**	**8**	**511**	**251**	**8**	**90**	**391**	**340**	**2,832**
1975 AVERAGE	**152**	**846**	**71**	**332**	**242**	**14**	**90**	**406**	**300**	**2,454**
1976 AVERAGE	**118**	**599**	**87**	**275**	**274**	**31**	**88**	**422**	**353**	**2,247**
1977 AVERAGE	**171**	**517**	**179**	**211**	**289**	**126**	**105**	**466**	**550**	**2,614**
1978 AVERAGE	**160**	**467**	**318**	**229**	**253**	**180**	**94**	**429**	**484**	**2,613**
1979 AVERAGE	**147**	**538**	**439**	**231**	**190**	**202**	**92**	**431**	**548**	**2,819**
1980 AVERAGE	**78**	**455**	**533**	**225**	**176**	**176**	**88**	**388**	**491**	**2,609**
1981										
January	39	543	401	198	150	233	89	494	552	2,701
February	84	546	437	227	163	271	46	481	626	2,881
March	74	472	488	227	93	263	45	370	571	2,603
April	68	412	418	198	139	402	40	365	380	2,423
May	122	365	522	213	105	368	58	344	474	2,573
June	51	353	538	196	124	397	67	262	525	2,513
July	77	382	384	212	178	553	50	206	541	2,583
August	69	378	489	255	123	592	68	184	539	2,698
September	111	423	708	163	169	528	72	265	661	3,100
October	63	449	669	161	121	351	60	303	562	2,739
November	63	547	628	168	108	253	76	294	421	2,557
December	70	501	587	148	125	280	73	367	563	2,714
AVERAGE	**74**	**447**	**522**	**197**	**133**	**375**	**62**	**327**	**534**	**2,672**
1982										
January	58	513	425	179	106	346	62	334	452	2,474
February	67	537	476	221	120	181	38	362	508	2,510
March	43	437	503	189	118	294	62	307	480	2,433
April	82	360	476	184	166	247	36	266	690	2,507
May	77	419	766	152	95	516	47	302	607	2,981
June	32	481	797	148	129	557	58	322	708	3,231
July	64	536	783	158	118	433	38	376	698	3,204
August	80	443	853	145	106	520	24	317	650	3,137
September	92	493	897	195	89	631	51	278	746	3,472
October	45	459	682	148	109	666	52	262	801	3,222
November	51	553	860	212	90	623	81	334	706	3,508
December	88	561	689	174	102	438	48	336	480	2,916
AVERAGE	**65**	**482**	**685**	**175**	**112**	**456**	**50**	**316**	**627**	**2,968**

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[1] Includes petroleum imported into the United States indirectly from OPEC countries, primarily from Caribbean and West European areas, as refined petroleum products which were refined from crude oil produced in OPEC countries.

[2] U.S. Possessions.

Totals may not equal sum of components due to independent rounding.

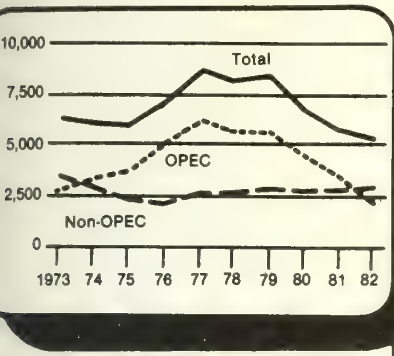
Note: Beginning in October 1977, Strategic Petroleum Reserve imports are included.

Geographic coverage: The 50 United States and the District of Columbia.

Sources: See "Sources" at the end of this section.

rude Oil (including SPR) and Petroleum Products Imports

housand Barrels Per Day)



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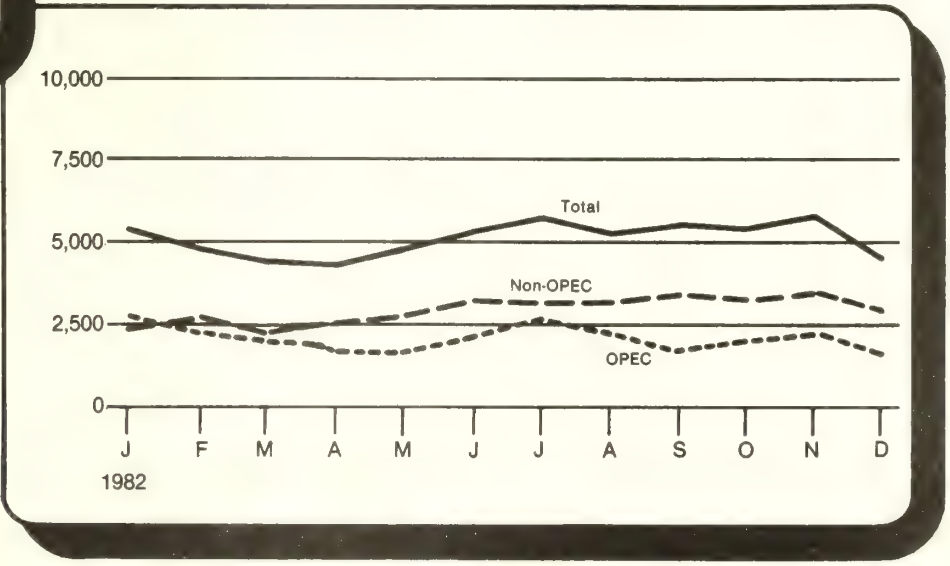

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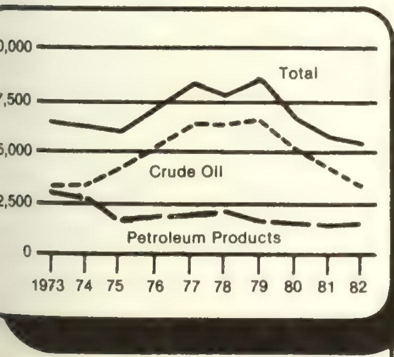

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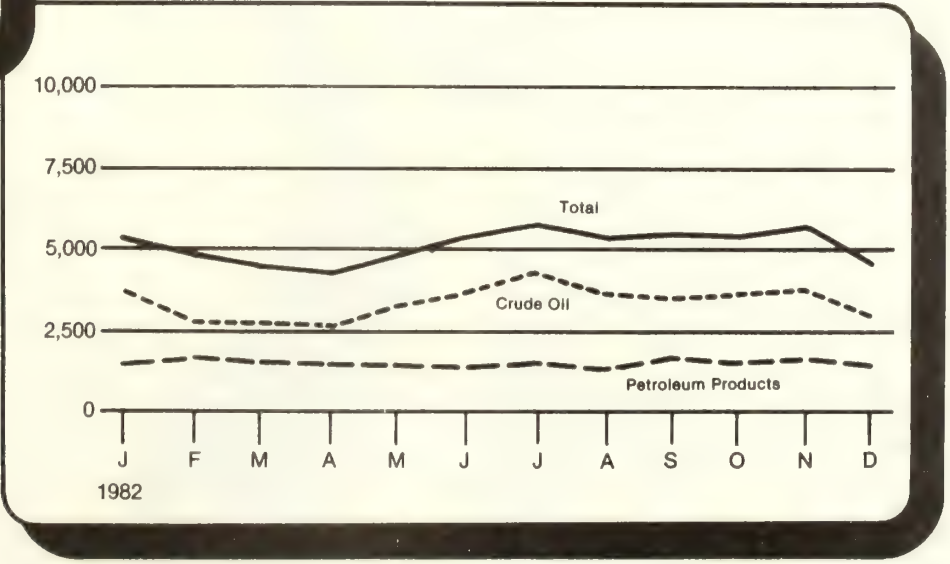

Monthly

SOURCES

1. 1973 through 1976: Bureau of Mines, U.S. Department of Interior, *Petroleum Statement, Annual* and *PAD Districts Supply/Demand, Annual,* Mineral Industry Surveys.
2. 1977 through 1980: Energy Information Administration, U.S. Department of Energy, *Monthly Petroleum Statistics Report* (unleaded gasoline category).
3. 1977 through 1980: Energy Information Administration, U.S. Department of Energy, *Petroleum Statement, Annual* and *PAD Districts Supply/Demand, Annual,* Energy Data Reports.
4. January 1981 through December 1982: Energy Information Administration, U.S. Department of Energy, *Petroleum Supply Annual, Volume 2.*

1982 Summary Statistics

Table 1. U.S. Petroleum Balance, 1982

Commodity	Year-to-Date	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil and Lease Condensate		
Production		
(1) Alaska	618,910	1,696
(2) Lower 48 States	2,537,805	6,953
(3) Total U.S.	3,156,715	8,649
Net Imports		
(4) Imports (Gross Excl. SPR)	1,213,021	3,323
(5) SPR Imports	60,193	165
(6) Exports	86,279	236
(7) Imports (Net Including SPR)	1,186,935	3,252
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-63,486	-174
(9) Other Stock Withdrawal (+) or Addition (-)	13,734	38
(10) Used Directly and Losses	-22,493	-62
(11) Unaccounted for [1]	25,950	71
(12) Total Other Sources	-46,295	-127
(13) Crude Input to Refineries	4,297,355	11,774
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	565,876	1,550
(15) Imports [2]	7,678	21
(16) Stock Withdrawal (+) or Addition (-) [2]	4,417	12
(17) Total NGPL Supply	577,971	1,583
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	14,774	40
(19) Imports	79,167	217
(20) Other Hydrocarbons and Alcohol New Supply	19,229	53
(21) Refinery Processing Gain [1]	193,672	531
(22) Crude Used Directly	21,419	59
(23) Total Other Liquids	328,261	899
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	5,203,587	14,256
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	506,299	1,387
(26) Exports	211,235	579
(27) Imports (Net)	295,064	808
(28) Total New Supply of Products	5,498,651	15,065
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	84,285	231
(30) Total Products Supplied for Domestic Use	5,582,936	15,296
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	2,386,824	6,539
(32) Naphtha-Type Jet Fuel	76,198	209
(33) Kerosene-Type Jet Fuel	293,383	804
(34) Kerosene	46,963	129
(35) Distillate Fuel Oils	974,864	2,671
(36) Residual Fuel Oils	626,510	1,716
(37) Liquefied Gases and Ethane	547,286	1,499
(38) Other	726,418	1,990
(39) Total Reclassified [1]	-95,509	-262
(40) Total Product Supplied	5,582,938	15,296
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	349,730	—
(42) Strategic Petroleum Reserve (SPR)	293,827	—
(43) Unfinished Oils	105,269	—
(44) Gasoline Blending Components	41,736	—
(45) Natural Gasoline and Unfractionated Stream	11,102	—
(46) Finished Refined Products [3]	628,260	—
(47) Total Stocks	1,429,924	—

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, 1982 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,156,715**	**0**	**1,273,214**	**-49,752**	**25,950**	**-22,493**	**4,297,355**	**86,279**	**0**	**643,557**
Natural Gas Plant Liquids and LRGs	**561,908**	**98,528**	**89,988**	**45,093**	**0**	**0**	**188,051**	**23,596**	**583,870**	**105,077**
Natural Gasoline and Isopentane	91,674	0	5,386	3,391	0	0	64,123	0	36,328	6,002
Unfractionated Stream	-657	0	0	897	0	0	8	0	232	3,654
Plant Condensate	11,901	0	2,292	129	0	0	14,297	0	25	1,446
Liquefied Petroleum Gases and Ethane	458,991	98,528	82,310	40,676	0	0	109,623	23,596	547,286	93,975
Ethane	98,443	1,470	17,240	-307	0	0	1,378	1	115,466	5,221
Propane	166,818	92,747	22,952	21,428	0	0	1,362	11,457	291,126	54,130
Butane	77,340	3,023	21,551	11,843	0	0	64,733	12,139	36,885	15,411
Butane-Propane Mixtures	-4,799	1,258	8,065	638	0	0	1,841	0	3,320	1,115
Ethane-Propane Mixtures	81,412	0	12,503	6,635	0	0	46	0	100,504	9,800
Isobutane	39,777	30	0	440	0	0	40,263	0	-16	8,298
Other Liquids	**19,229**	**0**	**79,167**	**14,774**	**0**	**0**	**208,679**	**0**	**-95,509**	**147,005**
Other Hydrocarbons and Alcohol	19,229	0	0	-103	0	0	19,126	0	0	311
Unfinished Oils	0	0	63,657	6,079	0	0	127,425	0	-57,689	105,269
Motor Gasoline Blending Components	0	0	15,510	8,599	0	0	62,907	0	-38,798	40,933
Aviation Gasoline Blending Components	0	0	0	199	0	0	-779	0	978	492
Finished Petroleum Products	**3,969**	**4,789,229**	**423,989**	**43,609**	**0**	**21,419**	**0**	**187,639**	**5,094,576**	**534,285**
Finished Motor Gasoline	629	2,312,610	71,810	8,970	0	0	0	7,195	2,386,824	194,498
Finished Leaded Motor Gasoline	592	1,092,533	46,744	9,916	0	0	0	7,195	1,142,590	98,169
Finished Unleaded Motor Gasoline	37	1,218,862	25,066	-934	0	0	0	0	1,243,032	96,259
Gasohol	0	1,215	0	-12	0	0	0	0	1,203	71
Finished Aviation Gasoline	700	8,177	2	427	0	0	0	0	9,306	2,306
Naphtha-Type Jet Fuel	0	73,199	1,899	1,387	0	0	0	287	76,198	5,667
Kerosene-Type Jet Fuel	2	283,799	8,541	2,831	0	0	0	1,790	293,383	31,180
Kerosene	41	41,937	4,678	623	0	0	0	315	46,963	10,420
Distillate Fuel Oil	27	951,242	34,040	12,949	0	3,731	0	27,124	974,864	178,592
Residual Fuel Oil	0	390,377	283,101	11,792	0	17,688	0	76,448	626,510	66,200
Naphtha < 400 Deg. for Petro. Feed.	0	54,816	6,424	502	0	0	0	1,504	60,238	1,967
Other Oils > 400 Deg. for Petrochem. Feedstock	0	97,253	0	-430	0	0	0	7,238	89,585	2,180
Special Naphthas	886	18,428	7,102	490	0	0	0	1,750	25,157	3,474
Lubricants	0	51,642	3,625	1,773	0	0	0	6,012	51,029	12,531
Waxes	0	5,135	379	-116	0	0	0	252	5,146	786
Petroleum Coke	0	149,538	0	-2,219	0	0	0	56,824	90,495	6,721
Asphalt	0	119,406	1,730	3,703	0	0	0	444	124,395	15,884
Road Oil	0	610	2	-21	0	0	0	0	591	47
Still Gas	0	202,147	0	0	0	0	0	0	202,147	0
Miscellaneous Products	1,684	28,913	655	948	0	0	0	456	31,744	1,832
Total	**3,741,821**	**4,887,757**	**1,866,358**	**53,724**	**25,950**	**-1,074**	**4,694,085**	**297,514**	**5,582,938**	**1,429,924**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the

(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,649**	**0**	**3,488**	**-136**	**71**	**-62**	**11,774**	**236**	**0**
Natural Gas Plant Liquids and LRGs	**1,539**	**270**	**247**	**124**	**0**	**0**	**515**	**65**	**1,600**
Natural Gasoline and Isopentane	251	0	15	9	0	0	176	0	100
Unfractionated Stream	-2	0	0	2	0	0	(s)	0	1
Plant Condensate	33	0	6	(s)	0	0	39	0	(s)
Liquefied Petroleum Gases and Ethane	1,258	270	226	111	0	0	300	65	1,499
Ethane	270	4	47	-1	0	0	4	(s)	316
Propane	457	254	63	59	0	0	4	31	798
Butane	212	8	59	32	0	0	177	33	101
Butane-Propane Mixtures	-13	3	22	2	0	0	5	0	9
Ethane-Propane Mixtures	223	0	34	18	0	0	(s)	0	275
Isobutane	109	(s)	0	1	0	0	110	0	(s)
Other Liquids	**53**	**0**	**217**	**40**	**0**	**0**	**572**	**0**	**-262**
Other Hydrocarbons and Alcohol	53	0	0	(s)	0	0	52	0	0
Unfinished Oils	0	0	174	17	0	0	349	0	-158
Motor Gasoline Blending Components	0	0	42	24	0	0	172	0	-106
Aviation Gasoline Blending Components	0	0	0	1	0	0	-2	0	3
Finished Petroleum Products	**11**	**13,121**	**1,162**	**119**	**0**	**59**	**0**	**514**	**13,958**
Finished Motor Gasoline	2	6,336	197	25	0	0	0	20	6,539
Finished Leaded Motor Gasoline	2	2,993	128	27	0	0	0	20	3,130
Finished Unleaded Motor Gasoline	(s)	3,339	69	-3	0	0	0	0	3,406
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	22	(s)	1	0	0	0	0	25
Naphtha-Type Jet Fuel	0	201	5	4	0	0	0	1	209
Kerosene-Type Jet Fuel	(s)	778	23	8	0	0	0	5	804
Kerosene	(s)	115	13	2	0	0	0	1	129
Distillate Fuel Oil	(s)	2,606	93	35	0	10	0	74	2,671
Residual Fuel Oil	0	1,070	776	32	0	48	0	209	1,716
Naphtha < 400 Deg. for Petro. Feed. Use	0	150	18	1	0	0	0	4	165
Other Oils > 400 Deg. for Petro. Feed. Use	0	266	0	-1	0	0	0	20	245
Special Naphthas	2	50	19	1	0	0	0	5	69
Lubricants	0	141	10	5	0	0	0	16	140
Waxes	0	14	1	(s)	0	0	0	1	14
Petroleum Coke	0	410	0	-6	0	0	0	156	248
Asphalt	0	327	5	10	0	0	0	1	341
Road Oil	0	2	(s)	(s)	0	0	0	0	2
Still Gas	0	554	0	0	0	0	0	0	554
Miscellaneous Products	5	79	2	3	0	0	0	1	87
Total	**10,252**	**13,391**	**5,113**	**147**	**71**	**-3**	**12,861**	**815**	**15,296**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**34,018**	**0**	**349,583**	**3,179**	**14,579**	**-26**	**35,354**	**436,687**	(s)	**0**	**17,512**
Natural Gas Plant Liquids and LRGs	**12,037**	**16,164**	**5,955**	**229**	**0**	**0**	**30,071**	**3,421**	**623**	**60,413**	**5,252**
Liquefied Petroleum Gases	5,429	16,164	5,233	227	0	0	30,071	3,175	622	53,327	5,225
Ethane	4,106	0	(s)	0	0	0	0	0	1	4,105	0
Other Products[3]	2,502	0	722	2	0	0	0	246	0	2,980	27
Other Liquids	**1,665**	**0**	**30,679**	**1,160**	**0**	**0**	**9,169**	**41,176**	**0**	**1,497**	**19,051**
Other Hydrocarbons and Alcohol	1,665	0	0	-104	0	0	0	1,561	0	0	109
Unfinished Oils	0	0	23,182	-365	0	0	9,169	34,555	0	-2,569	13,656
Motor Gasoline Blending Components	0	0	7,498	1,634	0	0	0	5,065	0	4,067	5,281
Aviation Gasoline Blending Components	0	0	0	-5	0	0	0	-5	0	0	5
Finished Petroleum Products	**486**	**487,305**	**341,620**	**14,206**	**0**	**0**	**906,397**	**0**	**8,145**	**1,741,869**	**202,017**
Finished Motor Gasoline	486	227,414	54,031	373	0	0	509,484	0	325	791,463	62,215
Finished Leaded Motor Gasoline	477	95,214	34,109	1,724	0	0	221,783	0	325	352,982	29,090
Finished Unleaded Motor Gasoline	9	132,200	19,922	-1,353	0	0	287,701	0	0	438,479	33,114
Gasohol	0	0	0	2	0	0	0	0	0	2	12
Finished Aviation Gasoline	0	91	2	52	0	0	2,713	0	0	2,858	428
Naphtha-Type Jet Fuel	0	7,603	1,708	320	0	0	6,284	0	(s)	15,914	514
Kerosene-Type Jet Fuel	0	12,658	7,186	-992	0	0	97,158	0	293	115,717	9,057
Kerosene	0	2,733	4,427	197	0	0	8,711	0	8	16,060	5,207
Distillate Fuel Oil	0	105,473	29,763	6,855	0	0	215,318	0	1,155	356,254	80,588
Residual Fuel Oil	0	52,594	235,912	5,410	0	0	46,771	0	1,075	339,612	34,734
Naphtha and Other Oils for Petrochem. Feedstock	0	5,052	2,198	111	0	0	87	0	816	6,632	107
Special Naphthas	0	166	1,784	315	0	0	3,202	0	40	5,427	893
Lubricants	0	6,992	2,796	951	0	0	6,798	0	1,697	15,840	3,279
Waxes	0	1,182	72	-73	0	0	83	0	59	1,205	194
Petroleum Coke	0	13,942	0	-142	0	0	0	0	2,290	11,510	801
Asphalt	0	25,231	1,505	866	0	0	3,860	0	206	31,256	3,619
Road Oil	0	0	2	0	0	0	0	0	0	2	0
Still Gas	0	20,721	0	0	0	0	0	0	0	20,721	0
Miscellaneous Products	0	5,453	236	-37	0	0	5,928	0	180	11,400	381
Total	**48,206**	**503,469**	**727,838**	**18,774**	**14,579**	**-26**	**980,991**	**481,284**	**8,768**	**1,803,779**	**243,833**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**372,436**	**0**	**211,727**	**5,998**	**421,771**	**-124**	**15,254**	**1,013,979**	**13,083**	**0**	**78,450**
Natural Gas Plant Liquids and LRGs	**106,252**	**25,742**	**55,337**	**10,324**	**0**	**0**	**52,010**	**60,015**	**8,677**	**180,974**	**30,704**
Liquefied Petroleum Gases	81,899	25,449	38,098	12,138	0	0	39,593	40,361	8,677	148,140	23,933
Ethane	22,696	293	17,240	-453	0	0	0	2	(s)	39,775	2,109
Other Products[3]	1,657	0	0	-1,362	0	0	12,417	19,652	0	-6,940	4,662
Other Liquids	**2,604**	**0**	**6,018**	**5,452**	**0**	**0**	**10,467**	**33,050**	**0**	**-8,509**	**27,073**
Other Hydrocarbons and Alcohol	2,604	0	0	46	0	0	0	2,650	0	0	70
Unfinished Oils	0	0	2,708	3,412	0	0	1,499	13,565	0	-5,946	17,777
Motor Gasoline Blending Components	0	0	3,310	1,983	0	0	8,968	16,832	0	-2,571	9,077
Aviation Gasoline Blending Components	0	0	0	11	0	0	0	3	0	8	149
Finished Petroleum Products	**177**	**1,126,511**	**6,964**	**11,927**	**0**	**3**	**188,338**	**0**	**4,510**	**1,329,410**	**131,598**
Finished Motor Gasoline	0	632,697	762	5,326	0	0	125,208	0	127	763,866	56,215
Finished Leaded Motor Gasoline	0	321,230	663	5,702	0	0	66,285	0	127	393,753	30,373
Finished Unleaded Motor Gasoline	0	311,140	99	-355	0	0	58,923	0	0	369,807	25,790
Gasohol	0	327	0	-21	0	0	0	0	0	306	52
Finished Aviation Gasoline	0	1,300	0	84	0	0	1,489	0	0	2,873	542
Naphtha-Type Jet Fuel	0	11,311	0	-76	0	0	992	0	0	12,227	1,298
Kerosene-Type Jet Fuel	0	43,366	0	609	0	0	13,758	0	0	57,733	7,263
Kerosene	0	7,146	(s)	-301	0	0	2,280	0	1	9,124	2,637
Distillate Fuel Oil	15	238,936	392	3,003	0	3	46,688	0	5	289,033	47,010
Residual Fuel Oil	0	38,545	3,966	3,080	0	0	-8,276	0	0	37,315	5,216
Naphtha and Other Oils for Petro. Feed.	0	18,946	250	-25	0	0	566	0	434	19,303	368
Special Naphthas	0	4,039	1,045	249	0	0	1,543	0	24	6,852	630
Lubricants	0	9,947	346	89	0	0	2,213	0	156	12,439	2,088
Waxes	0	471	47	-2	0	0	-9	0	5	501	79
Petroleum Coke	0	37,423	0	-1,054	0	0	0	0	3,548	32,821	1,974
Asphalt	0	36,820	111	618	0	0	1,895	0	200	39,244	6,133
Road Oil	0	173	0	3	0	0	0	0	0	176	15
Still Gas	0	43,702	0	0	0	0	0	0	0	43,702	0
Miscellaneous Products	162	1,689	44	323	0	0	-9	0	10	2,200	130
Total	**481,470**	**1,152,253**	**280,046**	**33,701**	**421,771**	**-121**	**266,069**	**1,107,044**	**26,270**	**1,501,875**	**267,825**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**1,526,625**	**0**	**628,591**	**-63,032**	**-306,078**	**-697**	**171,980**	**1,957,389**	**0**	**0**	**453,581**
Natural Gas Plant Liquids and LRGs	**405,839**	**42,359**	**15,932**	**33,961**	**0**	**0**	**-78,775**	**105,009**	**12,304**	**302,003**	**66,095**
Liquefied Petroleum Gases	256,361	41,309	10,122	28,058	0	0	-70,266	50,575	12,303	202,706	56,899
Ethane	71,494	1,050	0	147	0	0	0	1,375	(s)	71,316	3,111
Other Products[3]	77,984	0	5,810	5,756	0	0	-8,509	53,059	0	27,982	6,085
Other Liquids	**7,682**	**0**	**37,442**	**4,294**	**0**	**0**	**-20,374**	**121,340**	**0**	**-92,296**	**63,094**
Other Hydrocarbons and Alcohol	7,682	0	0	-42	0	0	0	7,640	0	0	127
Unfinished Oils	0	0	35,027	1,420	0	0	-11,406	78,477	0	-53,436	46,209
Motor Gasoline Blending Components	0	0	2,416	2,751	0	0	-8,968	36,024	0	-39,825	16,442
Aviation Gasoline Blending Components	0	0	0	165	0	0	0	-801	0	966	316
Finished Petroleum Products	**3,025**	**2,223,662**	**45,473**	**9,610**	**0**	**96**	**-1,137,061**	**0**	**102,814**	**1,041,991**	**130,670**
Finished Motor Gasoline	44	1,026,816	703	514	0	0	-658,365	0	5,298	364,414	49,765
Finished Leaded Motor Gasoline	32	466,001	225	857	0	0	-299,964	0	5,298	161,854	25,056
Finished Unleaded Motor Gasoline	12	560,803	478	-356	0	0	-358,387	0	0	202,550	24,709
Gasohol	0	12	0	12	0	0	-14	0	0	10	0
Finished Aviation Gasoline	700	4,125	(s)	209	0	0	-4,493	0	0	541	655
Naphtha-Type Jet Fuel	0	31,060	0	708	0	0	-9,017	0	284	22,467	2,294
Kerosene-Type Jet Fuel	2	145,749	0	1,855	0	0	-120,833	0	1,072	25,700	8,961
Kerosene	41	29,470	5	561	0	0	-10,993	0	52	19,031	2,388
Distillate Fuel Oil	12	447,185	1,526	1,306	0	87	-265,628	0	14,875	169,613	34,242
Residual Fuel Oil	0	172,501	35,700	2,464	0	9	-40,037	0	45,868	124,769	16,274
Naphtha and Other Oils for Petro. Feed.	0	120,979	3,461	379	0	0	-673	0	6,017	118,130	2,857
Special Naphthas	886	12,853	2,900	-71	0	0	-4,745	0	1,670	10,154	1,677
Lubricants	0	29,802	459	470	0	0	-10,532	0	3,537	16,662	5,857
Waxes	0	2,642	229	-22	0	0	-74	0	143	2,632	446
Petroleum Coke	0	55,810	0	-59	0	0	0	0	23,760	31,991	929
Asphalt	0	33,138	114	669	0	0	-5,993	0	13	27,916	3,317
Road Oil	0	0	0	2	0	0	0	0	0	2	0
Still Gas	0	92,342	0	0	0	0	0	0	0	92,342	0
Miscellaneous Products	1,340	19,190	375	626	0	0	-5,678	0	226	15,627	1,009
Total	**1,943,171**	**2,266,021**	**727,438**	**-15,167**	**-306,078**	**-601**	**-1,064,230**	**2,183,738**	**115,118**	**1,251,698**	**713,440**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**202,206**	**0**	**14,625**	**788**	**-65,712**	**-93**	**0**	**151,814**	**0**	**0**	**13,457**
Natural Gas Plant Liquids and LRGs	**25,795**	**847**	**6,945**	**147**	**0**	**0**	**-3,306**	**6,429**	(s)	**23,998**	**1,255**
Liquefied Petroleum Gases	9,447	843	5,894	120	0	0	602	4,364	(s)	12,542	982
Ethane	145	4	0	-1	0	0	0	1	0	147	1
Other Products[3]	16,202	0	1,051	28	0	0	-3,908	2,064	0	11,309	271
Other Liquids	**758**	**0**	**179**	**618**	**0**	**0**	**0**	**-3,358**	**0**	**4,913**	**5,159**
Other Hydrocarbons and Alcohol	758	0	0	1	0	0	0	759	0	0	0
Unfinished Oils	0	0	(s)	454	0	0	0	-4,662	0	5,116	2,686
Motor Gasoline Blending Components	0	0	178	163	0	0	0	545	0	-204	2,473
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**281**	**156,581**	**17**	**-41**	**0**	**88**	**4,978**	**0**	**22**	**161,883**	**14,179**
Finished Motor Gasoline	99	82,558	0	-251	0	0	2,703	0	0	85,109	6,094
Finished Leaded Motor Gasoline	82	53,471	0	60	0	0	-95	0	0	53,519	3,963
Finished Unleaded Motor Gasoline	17	29,083	0	-313	0	0	2,784	0	0	31,571	2,131
Gasohol	0	4	0	2	0	0	14	0	0	20	0
Finished Aviation Gasoline	0	322	0	-11	0	0	220	0	0	531	67
Naphtha-Type Jet Fuel	0	4,835	0	-90	0	0	-1,307	0	0	3,438	349
Kerosene-Type Jet Fuel	0	5,987	0	-67	0	0	6,867	0	0	12,787	638
Kerosene	0	558	0	69	0	0	0	0	0	627	42
Distillate Fuel Oil	0	40,539	4	-153	0	0	-3,505	0	(s)	36,884	4,024
Residual Fuel Oil	0	4,301	9	28	0	88	0	0	0	4,426	634
Naphtha and Other Oils for Petro. Feed.	0	11	0	0	0	0	0	0	7	4	0
Special Naphthas	0	55	2	1	0	0	0	0	(s)	58	9
Lubricants	0	277	3	17	0	0	0	0	7	290	84
Waxes	0	103	0	-9	0	0	0	0	(s)	94	10
Petroleum Coke	0	3,769	0	-196	0	0	0	0	1	3,572	776
Asphalt	0	7,007	0	618	0	0	0	0	6	7,619	1,451
Road Oil	0	34	0	2	0	0	0	0	0	36	0
Still Gas	0	5,969	0	0	0	0	0	0	0	5,969	0
Miscellaneous Products	182	256	0	1	0	0	0	0	1	438	1
Total	229,040	157,428	21,766	1,512	-65,712	-5	1,672	154,885	22	190,794	34,050

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**1,021,430**	**0**	**68,687**	**3,315**	**-38,609**	**-21,553**	**-222,588**	**737,486**	**73,196**	**0**	**80,557**
Natural Gas Plant Liquids and LRGs	**11,984**	**13,416**	**5,819**	**432**	**0**	**0**	**0**	**13,177**	**1,993**	**16,482**	**1,771**
Liquefied Petroleum Gases	7,412	13,293	5,723	439	0	0	0	9,770	1,993	15,105	1,714
Ethane	1	123	0	0	0	0	0	0	(s)	124	0
Other Products[3]	4,571	0	96	-7	0	0	0	3,407	0	1,253	57
Other Liquids	**6,520**	**0**	**4,849**	**3,250**	**0**	**0**	**738**	**16,471**	**0**	**-1,114**	**32,628**
Other Hydrocarbons and Alcohol	6,520	0	0	-4	0	0	0	6,516	0	0	5
Unfinished Oils	0	0	2,741	1,158	0	0	738	5,490	0	-853	24,941
Motor Gasoline Blending Components	0	0	2,107	2,068	0	0	0	4,441	0	-266	7,660
Aviation Gasoline Blending Components	0	0	0	28	0	0	0	24	0	4	22
Finished Petroleum Products	**0**	**795,170**	**29,915**	**7,907**	**0**	**21,232**	**37,348**	**0**	**72,148**	**819,424**	**55,820**
Finished Motor Gasoline	0	343,125	16,314	3,009	0	0	20,970	0	1,446	381,972	20,209
Finished Leaded Motor Gasoline	0	156,617	11,747	1,573	0	0	11,991	0	1,446	180,482	9,687
Finished Unleaded Motor Gasoline	0	185,636	4,567	1,443	0	0	8,979	0	0	200,625	10,515
Gasohol	0	872	0	-7	0	0	0	0	0	865	7
Finished Aviation Gasoline	0	2,339	0	93	0	0	71	0	0	2,503	614
Naphtha-Type Jet Fuel	0	18,390	191	525	0	0	3,048	0	2	22,152	1,212
Kerosene-Type Jet Fuel	0	76,039	1,355	1,426	0	0	3,050	0	424	81,446	5,261
Kerosene	0	2,030	246	97	0	0	2	0	254	2,121	146
Distillate Fuel Oil	0	119,109	2,355	1,938	0	3,641	7,127	0	11,089	123,081	12,728
Residual Fuel Oil	0	122,436	7,514	810	0	17,591	1,542	0	29,505	120,388	9,342
Naphtha and Other Oils for Petro. Feed.	0	7,081	515	-393	0	0	20	0	1,468	5,755	815
Special Naphthas	0	1,315	1,371	-4	0	0	0	0	16	2,665	265
Lubricants	0	4,624	22	246	0	0	1,521	0	615	5,798	1,223
Waxes	0	737	32	-10	0	0	0	0	44	714	57
Petroleum Coke	0	38,594	0	-768	0	0	0	0	27,225	10,601	2,241
Asphalt	0	17,210	0	932	0	0	238	0	20	18,360	1,364
Road Oil	0	403	0	-28	0	0	0	0	0	375	32
Still Gas	0	39,413	0	0	0	0	0	0	0	39,413	0
Miscellaneous Products	0	2,325	(s)	34	0	0	-241	0	39	2,079	311
Total	**1,039,934**	**808,586**	**109,270**	**14,904**	**-38,609**	**-321**	**-184,502**	**767,134**	**147,337**	**834,792**	**170,776**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

and State,[1] 1982
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	25,626	70
New York	834	2
Pennsylvania	4,282	12
Virginia	49	(s)
West Virginia	3,227	9
Total	34,018	93
PAD District II		
Illinois	27,710	76
Indiana	5,563	15
Kansas	70,525	193
Kentucky	7,349	20
Michigan	31,462	86
Missouri	202	1
Nebraska	6,872	19
North Dakota	47,271	130
Ohio	14,571	40
Oklahoma	158,621	435
South Dakota	1,158	3
Tennessee	1,132	3
Total	372,436	1,020
PAD District III		
Alabama	20,014	55
Arkansas	18,849	52
Louisiana		
Gulf Coast	423,131	1,159
Rest Of State	35,264	97
Total Louisiana	458,395	1,256
Mississippi	33,047	91
New Mexico		
Northwestern	6,415	18
Southeastern	64,609	177
Total New Mexico	71,024	195
Texas		
TRRC District 01	25,828	71
TRRC District 02	39,955	109
TRRC District 03	133,968	367
TRRC District 04	28,400	78
TRRC District 05	8,012	22
TRRC District 06, excluding East Texas	42,097	115
TRRC District 07B	32,656	89
TRRC District 07C	33,638	92
TRRC District 08	231,273	634
TRRC District 08A	238,130	652
TRRC District 09	37,485	103
TRRC District 10	20,979	57
East Texas	52,875	145
Total Texas	925,296	2,535
Total	1,526,625	4,183
PAD District IV		
Colorado	30,545	84
Montana	30,921	85
Utah	22,440	61
Wyoming	118,300	324
Total	202,206	554
PAD District V		
Alaska		
South Alaska	27,404	75
North Slope	591,506	1,621
Total Alaska	618,910	1,696
Arizona	335	1
California		
Central Coastal	76,475	210
East Central	244,087	669
North	199	1
South	80,811	221
Total California	401,572	1,100
Nevada	613	2
Total	1,021,430	2,798
United States Total	3,156,715	8,649

[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) by State,[1] 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	24,230	66
California		
Federal	28,396	78
State	39,524	108
California, Total	67,920	186
Louisiana		
Federal	269,646	739
State	24,826	68
Louisiana, Total	294,472	807
Texas		
Federal	17,079	47
State	1,580	4
Texas, Total	18,659	51
United States Total	405,281	1,110

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	11,902	33
California	133	(s)
Louisiana	68,927	189
Mississippi	1,955	5
New Mexico	4,509	12
Oklahoma	10,348	28
Texas	43,650	120
Total	141,424	387

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	7,088	4,950	12,037	17	23,856	4,393	77,987	106,252	222,120	34,693	94,136	12,096	42,795	405,839	25,795	11,984	561,908
Isopentane	0	0	0	0	0	0	3,538	3,538	4,601	915	1,278	0	0	6,793	25	0	10,357
Natural Gasoline	982	390	1,373	0	818	1,063	13,444	15,325	22,711	11,944	15,614	1,779	3,220	55,268	4,494	4,856	81,317
Unfractionated Stream	110	1,020	1,130	17	10,810	658	-29,607	-18,122	104,358	-131,735	2,743	1,506	28,185	5,056	11,564	-285	-657
Plant Condensate	0	0	0	0	582	0	333	915	2,750	6,757	428	913	19	10,867	119	0	11,901
Liquefied Petroleum Gases and Ethane	5,995	3,540	9,535	0	11,646	2,672	90,279	104,596	87,701	146,812	74,073	7,898	11,370	327,855	9,592	7,413	458,991
Ethane	2,267	1,839	4,106	0	5,025	9	17,662	22,696	11,143	32,540	26,285	600	928	71,494	145	1	98,443
Propane	2,239	1,146	3,385	0	5,011	1,657	34,718	41,386	32,216	46,867	25,113	2,165	5,352	111,713	6,068	4,265	166,818
Butane	1,249	364	1,613	0	920	869	14,509	16,297	14,591	24,368	9,400	2,862	2,517	53,738	3,281	2,411	77,340
Butane-Propane Mixtures	0	0	0	0	36	0	0	36	729	-6,194	13	110	0	-5,342	29	478	-4,799
Ethane-Propane Mixtures	0	0	0	0	145	0	17,699	17,844	21,862	34,891	4,954	181	1,681	63,569	0	0	81,412
Isobutane	239	191	430	0	509	137	5,691	6,337	7,160	14,340	8,309	1,980	894	32,683	69	257	39,777
Finished Motor Gasoline	486	0	486	0	0	0	0	0	44	0	0	0	0	44	99	0	629
Finished Leaded Motor Gasoline	477	0	477	0	0	0	0	0	32	0	0	0	0	32	82	0	592
Finished Unleaded Motor Gasoline	9	0	9	0	0	0	0	0	12	0	0	0	0	12	17	0	37
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	700	0	0	0	0	700	0	0	700
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	2	0	0	(s)	0	2	0	0	2
Kerosene	0	0	0	0	0	0	0	0	10	0	0	4	26	41	0	0	41
Distillate Fuel Oil	0	0	0	0	0	0	15	15	11	0	1	0	0	12	0	0	27
Special Naphthas	0	0	0	0	0	0	0	0	886	0	0	0	0	886	0	0	886
Miscellaneous Products	0	0	0	0	18	0	144	162	1,124	36	32	116	32	1,340	182	0	1,684
Total Production	7,573	4,950	12,523	17	23,873	4,393	78,146	106,430	224,895	34,729	94,169	12,216	42,853	408,862	26,076	11,984	565,876

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	402,691	33,996	436,687	18,532	625,430	91,721	278,296	1,013,979	166,422	995,152	708,577	59,000	28,238	1,957,389	151,814	737,486	4,297,355
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	238	8	246	0	5,173	2,344	10,526	18,043	11,010	23,293	4,416	1,272	1,364	41,355	1,168	3,311	64,123
Unfractionated Stream	0	0	0	0	0	0	0	0	0	8	0	0	0	8	0	0	8
Plant Condensate	0	0	0	0	1,412	0	197	1,609	659	8,224	64	2,735	14	11,696	896	96	14,297
LPG and Ethane	2,916	259	3,175	1,319	23,190	4,499	11,355	40,363	7,106	19,505	23,356	1,450	533	51,950	4,365	9,770	109,623
Ethane	0	0	0	0	2	0	0	2	0	660	715	0	0	1,375	1	0	1,378
Propane	1	0	1	0	625	25	21	671	0	0	619	0	0	619	69	2	1,362
Normal Butane	950	128	1,078	612	9,840	2,933	4,701	18,086	2,033	10,539	13,850	330	62	26,814	942	2,712	49,632
Other Butanes	0	0	0	0	2,833	1,030	1,036	4,899	1,121	1,524	1,521	1	0	4,167	2,611	3,424	15,101
Butane-Propane Mixtures	0	0	0	0	48	0	0	48	38	1,041	381	0	187	1,647	72	74	1,841
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	1	45	0	0	46	0	0	46
Isobutane	1,965	131	2,096	707	9,842	511	5,597	16,657	3,914	5,740	6,225	1,119	284	17,282	670	3,558	40,263
Other Liquids																	
Other Hydrocarbons	1,127	97	1,224	0	2,591	0	58	2,649	171	5,145	2,324	0	0	7,640	759	6,493	18,765
Alcohol	0	337	337	0	0	0	1	1	0	0	0	0	0	0	0	23	361
Unfinished Oil (net)	34,054	501	34,555	295	7,329	-604	6,545	13,565	6,321	46,162	24,774	578	642	78,477	-4,662	5,490	127,425
Motor Gasoline Blending Components (net)	4,931	134	5,065	-2	16,494	-474	814	16,832	-4,771	13,124	27,634	107	-70	36,024	545	4,441	62,907
Aviation Gasoline Blending Components (net)	-5	0	-5	0	6	0	-3	3	-876	64	11	0	0	-801	0	24	-779
Total Input to Refineries	445,952	35,332	481,284	20,144	681,625	97,486	307,789	1,107,044	186,042	1,110,677	791,156	65,142	30,721	2,183,738	154,885	767,134	4,694,085

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	15,684	480	16,164	342	17,600	2,581	5,219	25,742	3,089	24,547	13,082	892	749	42,359	847	13,416	98,528
For Petrochemical Feedstock Use	4,252	0	4,252	0	2,124	28	559	2,711	173	12,791	3,011	66	0	16,041	-71	2,184	25,117
For Other Uses	11,432	480	11,912	342	15,476	2,553	4,660	23,031	2,916	11,756	10,071	826	749	26,318	918	11,232	73,411
Ethane	0	0	0	0	293	0	0	293	0	961	89	0	0	1,050	4	123	1,470
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	961	89	0	0	1,050	0	3	1,053
For Other Uses	0	0	0	0	293	0	0	293	0	0	0	0	0	0	4	120	417
Propane	12,589	480	13,069	342	17,242	2,464	6,510	26,558	2,919	23,019	14,170	698	485	41,291	1,756	10,073	92,747
For Petrochemical Feedstock Use	3,682	0	3,682	0	2,125	0	561	2,686	0	9,205	2,125	0	0	11,330	32	1,555	19,285
For Other Uses	8,907	480	9,387	342	15,117	2,464	5,949	23,872	2,919	13,814	12,045	698	485	29,961	1,724	8,518	73,462
Butane	3,006	0	3,006	0	73	117	-1,291	-1,101	-6	-201	-1,035	169	116	-957	-712	2,787	3,023
For Petrochemical Feedstock Use	570	0	570	0	0	28	-2	26	0	2,369	528	66	0	2,963	10	626	4,195
For Other Uses	2,436	0	2,436	0	73	89	-1,289	-1,127	-6	-2,570	-1,563	103	116	-3,920	-722	2,161	-1,172
Butane-Propane Mixtures	89	0	89	0	-7	0	0	-7	32	768	-142	25	148	831	-88	433	1,258
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	29	256	269	0	0	554	0	0	554
For Other Uses	89	0	89	0	-7	0	0	-7	3	512	-411	25	148	277	-88	433	704
Isobutane for Petro. Feed. Use	0	0	0	0	-1	0	0	-1	144	0	0	0	0	144	-113	0	30
Finished Motor Gasoline	214,686	12,728	227,414	11,626	395,706	53,115	172,250	632,697	95,984	513,163	382,258	22,303	13,108	1,026,816	82,558	343,125	2,312,610
Finished Leaded Motor Gasoline	88,527	6,687	95,214	5,834	182,192	29,722	103,482	321,230	49,591	201,376	191,874	15,333	7,827	466,001	53,471	156,617	1,092,533
Finished Unleaded Motor Gasoline	126,159	6,041	132,200	5,792	213,249	23,393	68,706	311,140	46,381	311,787	190,384	6,970	5,281	560,803	29,083	185,636	1,218,862
Gasohol	0	0	0	0	265	0	62	327	12	0	0	0	0	12	4	872	1,215
Finished Aviation Gasoline	91	0	91	0	914	0	386	1,300	76	2,678	1,371	0	0	4,125	322	2,339	8,177
Naphtha-Type Jet Fuel	6,636	967	7,603	207	4,699	953	5,452	11,311	7,973	12,679	4,491	1,981	3,936	31,060	4,835	18,390	73,199
Kerosene-Type Jet Fuel	12,195	463	12,658	980	33,269	2,028	7,089	43,366	8,677	57,833	78,736	179	324	145,749	5,987	76,039	283,799
Kerosene	2,229	504	2,733	0	6,530	395	221	7,146	638	14,580	13,988	49	215	29,470	558	2,030	41,937
Distillate Fuel Oil	96,480	8,993	105,473	4,249	130,304	23,843	80,540	238,936	40,395	244,075	135,884	17,053	9,778	447,185	40,539	119,109	951,242
Distillate Fuel Oil Less No. 4	96,480	8,881	105,361	4,248	129,972	23,843	80,540	238,603	40,080	241,227	136,381	16,310	7,291	441,289	40,220	118,069	943,542
No. 4 Fuel Oil	0	112	112	1	332	0	0	333	315	2,848	-497	743	2,487	5,896	319	1,040	7,700
Residual Fuel Oil	50,153	2,441	52,594	1,162	25,955	4,123	7,305	38,545	9,023	82,455	74,556	5,290	1,177	172,501	4,301	122,436	390,377
Naphtha < 400 Deg. For Petro. Feed. Use	4,457	0	4,457	0	2,066	0	982	3,048	4,334	38,701	1,801	80	0	44,916	11	2,384	54,816
Other Oils > 400 Deg. For Petro. Feed. Use	262	333	595	0	15,891	0	7	15,898	1,925	40,305	33,295	538	0	76,063	0	4,697	97,253
Special Naphthas	-60	226	166	-1	2,539	0	1,501	4,039	1,378	8,650	643	2,182	0	12,853	55	1,315	18,428
Lubricants	2,495	4,497	6,992	0	5,631	0	4,316	9,947	210	20,047	7,195	2,352	-2	29,802	277	4,624	51,642
Bright Stock	92	1,757	1,849	0	188	0	386	574	0	1,548	785	0	0	2,333	18	341	5,115
Neutral	801	2,533	3,334	0	4,240	0	2,916	7,156	0	9,005	5,442	1,059	0	15,506	270	3,090	29,356
Other Grades	1,602	207	1,809	0	1,203	0	1,014	2,217	210	9,494	968	1,293	-2	11,963	-11	1,193	17,171
Wax	215	967	1,182	0	114	0	357	471	151	1,362	769	360	0	2,642	103	737	5,135
Microcrystalline	5	237	242	0	0	0	249	249	151	142	4	360	0	657	0	0	1,148
Crystalline--Fully Refined	107	195	302	0	96	0	31	127	0	644	765	0	0	1,409	103	468	2,409
Crystalline--Other	103	535	638	0	18	0	77	95	0	576	0	0	0	576	0	269	1,578
Petroleum Coke	13,657	285	13,942	265	22,669	3,813	10,676	37,423	3,363	30,252	20,479	1,602	114	55,810	3,769	38,594	149,538
Marketable	4,861	0	4,861	0	13,042	2,369	6,522	21,933	724	13,782	11,619	1,323	0	27,448	2,085	29,022	85,349
Catalyst	8,796	285	9,081	265	9,627	1,444	4,154	15,490	2,639	16,470	8,860	279	114	28,362	1,684	9,572	64,189
Asphalt	24,647	584	25,231	1,178	21,163	7,087	7,392	36,820	5,531	5,436	12,798	8,443	930	33,138	7,007	17,210	119,406
Road Oil	0	0	0	0	141	0	32	173	0	0	0	0	0	0	34	403	610
Still Gas	19,324	1,397	20,721	722	27,146	3,127	12,707	43,702	4,778	54,941	29,901	2,135	587	92,342	5,969	39,413	202,147
For Petrochemical Feedstock Use	387	0	387	0	15	0	0	15	49	5,042	1,046	0	0	6,137	187	708	7,434
For Other Uses	18,937	1,397	20,334	722	27,131	3,127	12,707	43,687	4,729	49,899	28,855	2,135	587	86,205	5,782	38,705	194,713
Miscellaneous Products	5,101	352	5,453	29	726	253	681	1,689	1,441	11,188	6,179	390	-8	19,190	256	2,325	28,913
Total Output	468,252	35,217	503,469	20,759	713,063	101,318	317,113	1,152,253	188,966	1,162,892	817,426	65,829	30,908	2,266,021	157,428	808,586	4,887,757
Processing Gain(-) or Loss(+)[1]	-22,300	115	-22,185	-615	-31,438	-3,832	-9,324	-45,209	-2,924	-52,215	-26,270	-687	-187	-82,283	-2,543	-41,452	-193,672

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	47.0	34.5	46.1	54.8	54.8	51.3	52.4	53.8	47.4	42.6	44.2	28.1	39.0	43.1	50.8	42.9	46.2
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.6	.3	.2	.0	.0	.2	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.6	1.4	3.4	1.8	2.7	2.8	1.8	2.5	1.8	2.3	1.8	1.5	2.6	2.0	.6	1.8	2.2
Naphtha-Type Jet Fuel	1.5	2.8	1.6	1.1	.7	1.0	1.9	1.1	4.6	1.2	.6	3.3	13.6	1.5	3.3	2.5	1.7
Kerosene-Type Jet Fuel	2.8	1.3	2.7	5.2	5.3	2.2	2.5	4.2	5.0	5.6	10.7	.3	1.1	7.2	4.1	10.2	6.4
Kerosene	.5	1.5	.6	0	1.0	.4	.1	.7	.4	1.4	1.9	.1	.7	1.4	.4	.3	.9
Distillate Fuel Oil	22.1	26.1	22.4	22.6	20.6	26.2	28.3	23.3	23.4	23.4	18.5	28.6	33.9	22.0	27.5	16.0	21.5
Residual Fuel Oil	11.5	7.1	11.2	6.2	4.1	4.5	2.6	3.8	5.2	7.9	10.2	8.9	4.1	8.5	2.9	16.5	8.8
Ethane	0	0	0	0	(s)	0	0	(s)	0	.1	(s)	0	0	.1	(s)	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.3	0	.3	.3	2.5	3.7	.2	.1	0	2.2	(s)	.3	1.2
Other Oils > 400 Deg. F. Petro. Feed. Use	.1	1.0	.1	0	2.5	0	(s)	1.5	1.1	3.9	4.5	.9	0	3.7	0	.6	2.2
Special Naphthas	(s)	.7	(s)	(s)	.4	0	.5	.4	.8	.8	.1	3.7	0	.6	(s)	.2	.4
Lubricants	.6	13.0	1.5	0	.9	0	1.5	1.0	.1	1.9	1.0	3.9	(s)	1.5	.2	.6	1.2
Wax	(s)	2.8	.3	0	(s)	0	.1	(s)	.1	.1	.1	.6	0	.1	.1	.1	.1
Petroleum Coke	3.1	.8	3.0	1.4	3.6	4.2	3.7	3.6	1.9	2.9	2.8	2.7	.4	2.7	2.6	5.2	3.4
Asphalt	5.6	1.7	5.4	6.3	3.3	7.8	2.6	3.6	3.2	.5	1.7	14.2	3.2	1.6	4.8	2.3	2.7
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	(s)	.1	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.5	.1	0	0	.3	.1	.1	.2
Still Gas for Other Uses	4.3	4.0	4.3	3.8	4.3	3.4	4.5	4.3	2.7	4.8	3.9	3.6	2.0	4.2	3.9	5.2	4.4
Miscellaneous Products	1.2	1.0	1.2	.2	.1	.3	.2	.2	.8	1.1	.8	.7	(s)	.9	.2	.3	.7
Processing Gain(-) or Loss(+)[4]	-5.1	.3	-4.7	-3.3	-5.0	-4.2	-3.3	-4.4	-1.7	-5.0	-3.6	-1.2	-.6	-4.0	-1.7	-5.6	-4.4

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding. See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	22,911	22,911	15,073	445,750	46,977	253,740	761,540	141,755	588,409	362,421	40,415	23,310	1,156,310	125,718	334,425	2,400,904
Foreign	0	2,800	2,800	2,791	155,207	44,734	13,885	216,617	12,854	113,057	32,965	5,396	0	164,272	15,057	6,978	405,724
Tanker																	
Domestic	44,547	0	44,547	0	0	0	0	0	0	56,940	56,205	0	0	113,145	0	332,783	490,475
Foreign	301,906	0	301,906	0	1,862	0	0	1,862	0	184,780	194,869	0	0	379,649	0	62,904	746,321
Barge																	
Domestic	0	984	984	0	11,810	0	0	11,810	37	54,551	56,364	799	0	111,751	0	3,650	128,195
Foreign	53,612	0	53,612	0	8,030	0	0	8,030	0	1,138	4,925	3,463	0	9,526	0	0	71,168
Tank Cars																	
Domestic	793	3,507	4,300	0	0	0	0	0	0	0	0	235	0	235	0	390	4,925
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	4,113	4,113	783	3,731	221	10,736	15,471	9,366	2,662	5,594	11,018	4,679	33,319	10,709	17,922	81,534
Foreign	0	0	0	0	0	0	0	0	2,115	0	0	0	0	2,115	50	3	2,168
Total																	
Domestic	45,340	31,515	76,855	15,856	461,291	47,198	264,476	788,821	151,158	702,562	480,584	52,467	27,989	1,414,760	136,427	689,170	3,106,033
Foreign	355,518	2,800	358,318	2,791	165,099	44,734	13,885	226,509	14,969	298,975	232,759	8,859	0	555,562	15,107	69,885	1,225,381

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	(s)	0	0	(s)	1	0	32	0	0	33	0	20	53
Liquefied Petroleum Gases[1]	311	158	469	65	1,873	293	382	2,613	80	537	3,558	0	58	4,233	90	2,808	10,214
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,212	284	1,497	0	65	0	6	71	147	52	51	2	(s)	252	9	170	1,998
Residual Fuel Oil	7,626	766	8,392	151	5,081	681	400	6,313	95	2,171	876	168	4	3,314	1,335	3,394	22,747
Marketable Petroleum Coke	0	0	0	0	2	0	0	2	0	(s)	0	0	0	(s)	162	577	741
Catalyst Petroleum Coke	7,866	365	8,231	264	8,897	844	3,538	13,543	2,638	15,895	8,858	278	101	27,770	1,659	9,587	60,791
Still Gas	16,111	1,426	17,537	721	26,389	2,960	11,052	41,123	3,977	46,478	27,094	2,071	582	80,202	5,621	36,733	181,216
Other Fuels 2	12	0	12	0	962	0	0	962	33	358	1	0	0	392	18	1,175	2,560
Natural Gas (million cubic feet)	21,404	3,329	24,732	523	35,022	1,124	44,668	81,338	33,356	246,529	90,256	10,199	2,803	383,142	14,290	87,362	590,864
Coal (thousand short tons)	170	148	318	0	0	0	0	0	0	66	0	0	0	66	0	0	384
Purchased Electricity (million kWh)	2,552	486	3,038	153	4,525	563	3,104	8,344	993	4,886	4,716	267	278	11,141	1,091	6,906	30,520
Purchased Steam (million pounds)	7,814	97	7,911	0	2,186	0	(s)	2,186	56	(s)	8,607	0	0	8,663	0	8,944	27,704

[1] Includes liquefied refinery gases.
2 Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.
(s) Less than 500 barrels except where noted.
Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**349,583**	**211,727**	**628,591**	**14,625**	**68,687**	**1,273,214**
Natural Gas Liquids	**5,955**	**55,337**	**15,932**	**6,945**	**5,819**	**89,988**
Natural Gasoline and Isopentane	6	0	5,381	0	0	5,386
Plant Condensate	717	0	429	1,051	96	2,292
Liquefied Petroleum Gases and Ethane	5,233	55,337	10,122	5,894	5,723	82,310
Ethane	(s)	17,240	0	0	0	17,240
Propane	3,439	14,424	531	3,573	984	22,952
Butane	1,793	11,171	1,527	2,321	4,740	21,551
Butane-Propane Mixtures	(s)	0	8,065	0	0	8,065
Ethane-Propane Mixtures	(s)	12,503	0	0	0	12,503
Other Liquids 1	**30,679**	**6,018**	**37,442**	**179**	**4,849**	**79,167**
Unfinished Oils 1	23,182	2,708	35,027	(s)	2,741	63,657
Motor Gasoline Blending Components	7,498	3,310	2,416	178	2,107	15,510
Finished Petroleum Products	**341,620**	**6,964**	**45,473**	**17**	**29,915**	**423,989**
Finished Motor Gasoline	54,031	762	703	0	16,314	71,810
Finished Leaded Motor Gasoline	34,109	663	225	0	11,747	46,744
Finished Unleaded Motor Gasoline	19,922	99	478	0	4,567	25,066
Finished Aviation Gasoline	2	0	(s)	0	0	2
Naphtha-Type Jet Fuel	1,708	0	0	0	191	1,899
Kerosene-Type Jet Fuel	7,186	0	0	0	1,355	8,541
Bonded Aircraft Fuel	598	0	0	0	51	648
Other	6,588	0	0	0	1,305	7,893
Kerosene	4,427	(s)	5	0	246	4,678
Distillate Fuel Oil	29,763	392	1,526	4	2,355	34,040
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	29,701	392	1,187	4	2,350	33,635
No. 4 fuel oil	62	0	339	0	4	405
Residual Fuel Oil	235,912	3,966	35,700	9	7,514	283,101
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	55	0	0	0	(s)	55
Other	235,857	3,966	35,700	9	7,514	283,046
Naphtha < 400 Deg. for Petro. Feed. Use	2,198	250	3,461	0	515	6,424
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	1,784	1,045	2,900	2	1,371	7,102
Lubricants	2,796	346	459	3	22	3,625
Wax	72	47	229	0	32	379
Asphalt	1,505	111	114	0	0	1,730
Miscellaneous Products	238	44	375	0	(s)	657
Total Imports	**727,838**	**280,046**	**727,438**	**21,766**	**109,270**	**1,866,358**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	32,714	570	738	489	0	198	0	221	26,156	488	362	29,223	61,937	170
Iraq	974	0	0	0	0	0	0	0	0	0	0	0	974	3
Kuwait	904	0	182	267	0	0	0	0	533	0	(s)	982	1,886	5
Libya	8,452	0	271	0	0	0	0	0	637	0	0	908	9,360	26
Qatar	2,600	0	0	0	0	0	0	0	0	0	0	0	2,600	7
Saudi Arabia	193,536	1,223	872	596	0	0	0	0	645	173	4,418	7,927	201,463	552
United Arab Emirates	29,509	0	499	2,214	95	0	0	0	0	96	1,251	4,154	33,663	92
Subtotal Arab OPEC	268,689	1,793	2,561	3,567	95	198	0	221	27,971	756	6,031	43,194	311,882	854
Other OPEC														
Ecuador	11,788	0	0	0	0	0	0	0	3,518	0	0	3,518	15,305	42
Gabon	14,429	0	0	0	0	0	0	0	117	0	0	117	14,547	40
Indonesia	82,315	1,624	0	0	2,361	0	0	1,094	3,243	1	0	8,323	90,637	248
Iran	12,854	0	0	0	0	0	0	0	0	0	0	0	12,854	35
Nigeria	186,329	0	0	0	0	0	0	1	1,285	1	(s)	1,286	187,616	514
Venezuela	56,434	574	7,941	1,820	1,257	1,084	1,772	1,852	74,503	1,281	1,797	93,881	150,316	412
Subtotal Other OPEC	364,150	2,198	7,941	1,820	3,617	1,084	1,772	2,947	82,666	1,283	1,798	107,125	471,275	1,291
Other														
Angola	15,248	0	0	0	0	0	0	0	927	0	0	927	16,174	44
Australia	1	534	278	0	0	0	0	0	993	0	(s)	1,804	1,805	5
Bahamas	0	0	8,794	0	0	1,163	0	1,155	12,555	0	0	23,667	23,667	65
Brazil	6,872	0	0	22	3,472	238	0	0	6,485	15	37	10,269	17,141	47
Brunei	1,134	0	0	0	267	0	0	136	316	0	0	720	1,853	5
Canada	78,041	70,414	2,031	4,257	3,203	99	25	3,548	8,885	1,805	3,706	97,973	176,014	482
Congo	456	0	0	0	0	0	0	0	174	0	0	174	630	2
Egypt	14,683	0	21	627	0	0	0	0	18	0	(s)	666	15,348	42
France	0	(s)	0	422	0	0	0	(s)	172	29	107	730	730	2
Ghana	0	0	0	0	0	0	0	0	976	0	0	976	976	3
Liberia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	6,574	0	0	0	79	0	0	26	628	0	0	733	7,307	20
Mexico	235,298	6,325	1	0	1	0	5	427	7,830	11	75	14,675	249,972	685
Netherlands	3	132	178	340	9,002	199	0	1,352	1,319	200	4	12,727	12,730	35
Netherlands Antilles	0	0	8,519	0	2,080	1,394	0	316	51,015	0	484	63,806	63,806	175
Norway	37,299	0	0	0	0	0	0	(s)	0	0	0	(s)	37,299	102
Oman	8,183	0	0	0	0	0	0	0	0	0	0	0	8,183	22
People's Republic of China	2,824	0	895	330	10,038	0	0	69	105	484	(s)	11,921	14,745	40
Peru	7,725	73	0	0	9	0	0	35	5,725	0	0	5,842	13,567	37
Puerto Rico	0	0	4,434	0	6,495	331	0	2,660	231	0	4,000	18,150	18,150	50
Romania	0	0	124	168	1,628	0	0	0	0	275	0	2,195	2,195	6
Spain	2	0	0	0	0	0	0	(s)	1,148	15	3	1,166	1,167	3
Syria	0	0	0	0	195	0	0	0	0	0	0	195	195	1
Trinidad and Tobago	33,541	0	636	0	231	147	0	385	5,746	14	256	7,415	40,956	112
Tunisia	3,481	0	0	0	0	0	0	0	0	0	0	0	3,481	10
United Kingdom	161,061	401	1,929	116	1,241	0	0	0	1,422	44	112	5,264	166,325	456
Virgin Islands	0	0	19,031	18	21,795	5,037	2,876	18,853	44,624	427	2,740	115,399	115,399	316
Yugoslavia	4	0	0	0	0	0	0	0	0	423	(s)	423	427	1
Zaire	6,914	0	0	0	0	0	0	0	0	0	0	0	6,914	19
Other Western Hemisphere	1,256	78	757	266	539	0	0	319	9,667	310	198	12,134	13,390	37

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							All PAD Districts							
Other														
Other Eastern Hemisphere	19,778	362	5,529	3,557	7,824	552	0	1,590	11,504	1,011	948	32,875	52,653	144
Subtotal Other	640,376	78,319	53,155	10,123	68,098	9,158	2,906	30,871	172,464	5,063	12,668	442,825	1,083,201	2,968
Total Imports	1,273,214	82,310	63,657	15,510	71,810	10,441	4,678	34,040	283,101	7,102	20,497	593,144	1,866,358	5,113
							PAD District I							
Arab OPEC														
Algeria	13,385	286	494	489	0	198	0	221	22,528	488	0	24,705	38,090	104
Iraq	80	0	0	0	0	0	0	0	0	0	0	0	80	(s)
Kuwait	354	0	182	0	0	0	0	0	0	0	0	182	535	1
Libya	1,115	0	0	0	0	0	0	0	637	0	0	637	1,752	5
Qatar	22	0	0	0	0	0	0	0	0	0	0	0	22	(s)
Saudi Arabia	68,025	624	872	251	0	0	0	0	0	0	20	1,766	69,791	191
United Arab Emirates	1,103	0	499	1,312	0	0	0	0	0	0	0	1,811	2,914	8
Subtotal Arab OPEC	84,084	909	2,046	2,052	0	198	0	221	23,165	488	20	29,101	113,185	310
Other OPEC														
Ecuador	1,655	0	0	0	0	0	0	0	3,045	0	0	3,045	4,701	13
Gabon	7,777	0	0	0	0	0	0	0	117	0	0	117	7,895	22
Indonesia	21,360	0	0	0	0	0	0	0	1,291	0	0	1,291	22,651	62
Nigeria	67,182	0	0	0	0	0	0	0	0	0	0	0	67,182	184
Venezuela	26,538	250	3,540	1,113	1,257	849	1,527	1,845	59,051	394	1,140	70,964	97,502	267
Subtotal Other OPEC	124,513	250	3,540	1,113	1,257	849	1,527	1,845	63,505	394	1,140	75,418	199,931	548
Other														
Angola	8,067	0	0	0	0	0	0	0	926	0	0	926	8,993	25
Australia	1	0	0	0	0	0	0	0	991	0	(s)	991	992	3
Bahamas	0	0	982	0	0	816	0	1,005	12,050	0	0	14,853	14,853	41
Brazil	4,239	0	0	0	3,472	238	0	0	6,485	0	30	10,224	14,463	40
Canada	2	3,540	15	114	1,637	99	24	2,878	4,839	459	1,714	15,319	15,321	42
Congo	1	0	0	0	0	0	0	0	174	0	0	174	175	(s)
Egypt	1,170	0	21	627	0	0	0	0	18	0	(s)	666	1,836	5
France	0	(s)	0	422	0	0	0	(s)	172	0	78	672	672	2
Ghana	0	0	0	0	0	0	0	0	974	0	0	974	974	3
Liberia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	0	621	0	0	621	621	2
Mexico	31,080	0	0	0	0	0	0	0	2,988	0	1	2,989	34,068	93
Netherlands	3	132	178	212	8,800	199	0	1,352	1,166	0	(s)	12,039	12,042	33
Netherlands Antilles	0	0	7,166	0	2,080	1,107	0	273	48,685	0	463	59,774	59,774	164
Norway	13,982	0	0	0	0	0	0	0	0	0	0	0	13,982	38
Oman	3,053	0	0	0	0	0	0	0	0	0	0	0	3,053	8
People's Republic of China	369	0	0	0	171	0	0	0	0	0	(s)	171	539	1
Peru	3,114	73	0	0	0	0	0	0	4,935	0	0	5,008	8,123	22
Puerto Rico	0	0	4,209	0	6,268	331	0	2,660	231	0	2,934	16,633	16,633	46
Romania	0	0	0	13	921	0	0	0	0	0	0	934	934	3
Spain	2	0	0	0	0	0	0	(s)	0	0	(s)	(s)	2	(s)
Syria	0	0	0	0	195	0	0	0	0	0	0	195	195	1
Trinidad and Tobago	5,777	0	0	0	0	147	0	385	3,033	14	0	3,580	9,356	26

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, 1982 (Continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Other														
Tunisia	1,078	0	0	0	0	0	0	0	0	0	0	0	1,078	3
United Kingdom	62,225	249	1	116	1,241	0	0	0	1,422	0	111	3,141	65,366	179
Virgin Islands	0	0	4,564	0	20,858	4,550	2,876	18,513	44,549	0	998	96,908	96,908	266
Yugoslavia	4	0	0	0	0	0	0	0	0	423	(s)	423	427	1
Zaire	3,574	0	0	0	0	0	0	0	0	0	0	0	3,574	10
Other Western Hemisphere	0	78	0	0	539	0	0	0	9,381	0	0	9,998	9,998	27
Other Eastern Hemisphere	3,247	1	460	2,828	6,592	360	0	629	5,603	6	43	16,523	19,769	54
Subtotal Other	140,986	4,073	17,596	4,332	52,774	7,846	2,900	27,697	149,242	902	6,373	273,735	414,722	1,136
Total Imports	349,583	5,233	23,182	7,498	54,031	8,894	4,427	29,763	235,912	1,784	7,533	378,255	727,838	1,994
							PAD District II							
Arab OPEC														
Algeria	6,773	0	0	0	0	0	0	0	0	0	0	0	6,773	19
Iraq	894	0	0	0	0	0	0	0	0	0	0	0	894	2
Kuwait	550	0	0	0	0	0	0	0	0	0	0	0	550	2
Libya	3,030	0	271	0	0	0	0	0	0	0	0	271	3,301	9
Qatar	1,927	0	0	0	0	0	0	0	0	0	0	0	1,927	5
Saudi Arabia	16,819	0	0	0	0	0	0	0	0	0	0	0	16,819	46
United Arab Emirates	4,365	0	0	0	0	0	0	0	0	0	0	0	4,365	12
Subtotal Arab OPEC	34,359	0	271	0	0	0	0	0	0	0	0	271	34,630	95
Other OPEC														
Ecuador	381	0	0	0	0	0	0	0	0	0	0	0	381	1
Gabon	449	0	0	0	0	0	0	0	0	0	0	0	449	1
Iran	1,491	0	0	0	0	0	0	0	0	0	0	0	1,491	4
Nigeria	31,508	0	0	0	0	0	0	0	0	0	0	0	31,508	86
Venezuela	1,164	0	0	0	0	0	0	0	203	0	0	203	1,367	4
Subtotal Other OPEC	34,994	0	0	0	0	0	0	0	203	0	0	203	35,197	96
Other														
Canada	56,430	55,337	1,921	3,310	762	0	(s)	392	3,763	1,045	797	67,329	123,759	339
Congo	455	0	0	0	0	0	0	0	0	0	0	0	455	1
Egypt	2,453	0	0	0	0	0	0	0	0	0	0	0	2,453	7
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	38,702	0	0	0	0	0	0	0	0	0	0	0	38,702	106
Norway	6,655	0	0	0	0	0	0	0	0	0	0	0	6,655	18
Peru	702	0	0	0	0	0	0	0	0	0	0	0	702	2
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Trinidad and Tobago	1,083	0	0	0	0	0	0	0	0	0	0	0	1,083	3
United Kingdom	24,212	(s)	0	0	0	0	0	0	0	0	(s)	(s)	24,212	66
Virgin Islands	0	0	361	0	0	0	0	0	0	0	0	361	361	1
Other Western Hemisphere	719	0	0	0	0	0	0	0	0	0	0	0	719	2
Other Eastern Hemisphere	10,964	0	155	0	0	0	0	0	0	0	(s)	155	11,119	30
Subtotal Other	142,374	55,337	2,437	3,310	762	0	(s)	392	3,763	1,045	797	67,845	210,219	576

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, 1982 (continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District II													
Other														
Total Imports	211,727	55,337	2,708	3,310	762	0	(s)	392	3,966	1,045	797	68,319	280,046	767
	PAD District III													
Arab OPEC														
Algeria	9,575	284	0	0	0	0	0	0	3,628	0	362	4,274	13,849	38
Kuwait	0	0	0	267	0	0	0	0	533	0	(s)	800	800	2
Libya	4,307	0	0	0	0	0	0	0	0	0	0	0	4,307	12
Qatar	650	0	0	0	0	0	0	0	0	0	0	0	650	2
Saudi Arabia	108,692	600	0	110	0	0	0	0	645	173	4,398	5,925	114,617	314
United Arab Emirates	23,692	0	0	533	0	0	0	0	0	96	1,251	1,880	25,572	70
Subtotal Arab OPEC	146,916	884	0	910	0	0	0	0	4,806	268	6,011	12,879	159,795	438
Other OPEC														
Ecuador	8,217	0	0	0	0	0	0	0	472	0	0	472	8,690	24
Gabon	6,203	0	0	0	0	0	0	0	0	0	0	0	6,203	17
Indonesia	11,914	1,624	0	0	0	0	0	487	0	1	0	2,111	14,025	38
Iran	11,363	0	0	0	0	0	0	0	0	0	0	0	11,363	31
Nigeria	87,639	0	0	0	0	0	0	1	1,285	1	(s)	1,286	88,925	244
Venezuela	28,425	324	3,384	599	0	0	0	0	15,249	888	658	21,102	49,527	136
Subtotal Other OPEC	153,760	1,947	3,384	599	0	0	0	488	17,007	889	658	24,972	178,733	490
Other														
Angola	7,181	0	0	0	0	0	0	0	(s)	0	0	(s)	7,181	20
Australia	0	428	278	0	0	0	0	0	1	0	(s)	707	707	2
Bahamas	0	0	7,811	0	0	0	0	150	506	0	0	8,467	8,467	23
Brazil	2,633	0	0	22	0	0	0	0	0	15	7	45	2,678	7
Canada	0	26	0	316	0	0	0	0	104	48	19	514	514	1
Congo	1	0	0	0	0	0	0	0	(s)	0	0	(s)	1	(s)
Egypt	11,060	0	0	0	0	0	0	0	0	0	0	0	11,060	30
France	0	0	0	0	0	0	0	0	0	29	28	58	58	(s)
Ghana	0	0	0	0	0	0	0	0	2	0	0	2	2	(s)
Malaysia	1,746	0	0	0	0	0	0	0	0	0	0	0	1,746	5
Mexico	165,516	6,325	1	0	(s)	0	5	229	4,326	11	44	10,941	176,457	483
Netherlands	0	0	0	128	0	0	0	0	154	200	4	485	485	1
Netherlands Antilles	0	0	1,354	0	0	0	0	0	1,376	0	0	2,730	2,730	7
Norway	16,662	0	0	0	0	0	0	(s)	0	0	0	(s)	16,662	46
Oman	5,131	0	0	0	0	0	0	0	0	0	0	0	5,131	14
People's Republic of China	1,654	0	0	0	0	0	0	0	0	0	0	0	1,654	5
Peru	3,181	0	0	0	0	0	0	0	744	0	0	744	3,925	11
Puerto Rico	0	0	225	0	0	0	0	0	0	0	1,066	1,290	1,290	4
Romania	0	0	124	155	461	0	0	0	0	275	0	1,015	1,015	3
Spain	0	0	0	0	0	0	0	0	1,148	15	3	1,165	1,165	3
Trinidad and Tobago	26,681	0	152	0	0	0	0	0	2,713	0	256	3,121	29,802	82
Tunisia	2,403	0	0	0	0	0	0	0	0	0	0	0	2,403	7
United Kingdom	74,624	151	1,928	0	0	0	0	0	0	44	(s)	2,123	76,747	210
Virgin Islands	0	0	14,106	18	0	0	0	339	75	427	1,742	16,706	16,706	46
Zaire	3,340	0	0	0	0	0	0	0	0	0	0	0	3,340	9

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District,
(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Other Western Hemisphere	537	0	757	266	0	0	0	319	286	310	198	2,136	2,672	7
Other Eastern Hemisphere	5,567	361	4,907	0	242	0	0	1	2,454	369	412	8,747	14,313	39
Subtotal Other	327,915	7,291	31,643	906	703	0	5	1,038	13,888	1,743	3,779	60,996	388,911	1,066
Total Imports	628,591	10,122	35,027	2,416	703	0	5	1,526	35,700	2,900	10,448	98,847	727,438	1,993
							PAD District IV							
Other														
Canada	14,625	5,894	(s)	178	0	0	0	4	9	2	1,054	7,141	21,766	60
Subtotal Other	14,625	5,894	(s)	178	0	0	0	4	9	2	1,054	7,141	21,766	60
Total Imports	14,625	5,894	(s)	178	0	0	0	4	9	2	1,054	7,141	21,766	60
							PAD District V							
Arab OPEC														
Algeria	2,980	0	244	0	0	0	0	0	0	0	0	244	3,224	9
Saudi Arabia	0	0	0	236	0	0	0	0	0	0	0	236	236	1
United Arab Emirates	350	0	0	368	95	0	0	0	0	0	0	463	813	2
Subtotal Arab OPEC	3,330	0	244	604	95	0	0	0	0	0	0	943	4,273	12
Other OPEC														
Ecuador	1,534	0	0	0	0	0	0	0	0	0	0	0	1,534	4
Indonesia	49,041	0	0	0	2,361	0	0	607	1,952	0	0	4,920	53,961	148
Venezuela	308	0	1,017	107	0	235	245	7	0	0	0	1,612	1,919	5
Subtotal Other OPEC	50,882	0	1,017	107	2,361	235	245	615	1,952	0	0	6,532	57,414	157
Other														
Australia	0	106	0	0	0	0	0	0	0	0	0	106	106	(s)
Bahamas	0	0	0	0	0	347	0	0	0	0	0	347	347	1
Brunei	1,134	0	0	0	267	0	0	136	316	0	0	720	1,853	5
Canada	6,983	5,617	95	338	803	(s)	1	274	170	251	122	7,671	14,654	40
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	4,828	0	0	0	79	0	0	26	8	0	0	113	4,941	14
Mexico	0	0	0	0	(s)	0	(s)	198	517	0	30	745	745	2
Netherlands	0	(s)	0	0	202	0	0	0	(s)	0	0	202	202	1
Netherlands Antilles	0	0	0	0	0	287	0	42	953	0	20	1,302	1,302	4
People's Republic of China	802	0	895	330	9,868	0	0	69	105	484	0	11,750	12,552	34
Peru	728	0	0	0	9	0	0	35	46	0	0	89	817	2
Puerto Rico	0	0	0	0	226	0	0	0	0	0	0	226	226	1
Romania	0	0	0	0	246	0	0	0	0	0	0	246	246	1
Trinidad and Tobago	0	0	484	0	231	0	0	0	0	0	0	715	715	2
United Kingdom	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Virgin Islands	0	0	0	0	937	487	0	(s)	0	0	0	1,424	1,424	4
Other Eastern Hemisphere	0	(s)	7	728	989	191	0	960	3,447	636	492	7,452	7,452	20
Subtotal Other	14,475	5,723	1,480	1,396	13,858	1,312	1	1,740	5,562	1,371	665	33,108	47,583	130

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District V													
Other														
Total Imports	68,687	5,723	2,741	2,107	16,314	1,547	246	2,355	7,514	1,371	665	40,583	109,270	299

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	(s)	13,083	0	0	73,196	86,279
Liquefied Petroleum Gases and Ethane	623	8,677	12,304	(s)	1,993	23,596
Ethane	1	(s)	(s)	0	(s)	1
Propane	274	3,467	6,909	(s)	806	11,457
Butane	348	5,209	5,394	(s)	1,187	12,139
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	325	127	5,298	0	1,446	7,195
Naphtha-Type Jet Fuel	(s)	0	284	0	2	287
Kerosene-Type Jet Fuel	293	0	1,072	0	424	1,790
Kerosene	8	1	52	0	254	315
Distillate Fuel Oil	1,155	5	14,875	(s)	11,089	27,124
Residual Fuel Oil	1,075	0	45,868	0	29,505	76,448
Naphtha < 400 Deg. for Petrochem. Feedstock	668	54	624	7	151	1,504
Other Oils > 400 Deg. for Petrochem. Feedstock	148	380	5,392	0	1,318	7,238
Special Naphthas	40	24	1,670	(s)	16	1,750
Lubricants	1,697	156	3,537	7	615	6,012
Wax	59	5	143	(s)	44	252
Petroleum Coke	2,290	3,548	23,760	1	27,225	56,824
Asphalt	206	200	13	6	20	444
Miscellaneous Products	180	10	226	1	39	456
Total Product Exports	8,768	13,186	115,118	22	74,141	211,235
Total Exports	8,768	26,270	115,118	22	147,337	297,514

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, 1982
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	97	0	0	(s)	0	1	101	3	347	(s)	154	703	2
Australia	0	22	(s)	0	212	271	61	86	3	970	2	343	1,970	5
Bahamas	0	108	9	1	52	7,459	(s)	23	0	0	1	53	7,706	21
Bahrain	0	8	0	0	0	0	(s)	2	0	445	(s)	2	457	1
Belgium & Luxembourg	0	50	(s)	0	99	0	13	151	4	5,997	1	12	6,328	17
Brazil	0	872	0	0	(s)	1,803	15	52	(s)	161	0	69	2,973	8
Cameroon	0	(s)	7	0	0	3	0	(s)	(s)	151	(s)	(s)	161	(s)
Canada	13,083	8,737	127	40	6	4,174	35	597	31	3,410	213	650	31,102	85
Chile	0	101	0	0	1	431	2	55	1	2	(s)	7	599	2
China (Taiwan)	0	9	0	0	0	958	20	145	1	197	1	12	1,343	4
Colombia	0	23	0	0	100	0	4	78	2	1	(s)	20	228	1
Costa Rica	0	81	0	0	0	20	2	44	1	0	(s)	7	155	(s)
Denmark	0	6	0	0	0	0	(s)	3	1	347	0	1	357	1
Dominican Republic	0	130	0	0	0	0	1	7	1	35	0	4	178	(s)
Ecuador	0	262	173	0	500	0	1	20	3	(s)	1	50	1,011	3
Egypt	0	21	0	226	0	0	(s)	11	(s)	44	(s)	2	305	1
El Salvador	0	2	0	0	0	0	2	25	(s)	0	(s)	3	32	(s)
Finland	0	(s)	0	0	(s)	0	0	4	(s)	95	(s)	6	105	(s)
France	0	1,103	1	0	1,485	1,195	9	37	15	3,502	1	1,329	8,676	24
French Pacific Isl	0	0	111	0	357	1,027	(s)	5	0	0	(s)	4	1,505	4
Ghana	0	0	0	0	(s)	0	(s)	5	0	355	0	(s)	361	1
Greece	0	13	0	222	1,575	0	(s)	8	(s)	365	0	8	2,192	6
Guatemala	0	146	0	0	128	0	3	47	12	(s)	(s)	24	360	1
Guinea	0	1	0	0	0	0	(s)	5	0	0	0	(s)	6	(s)
Honduras	0	1	35	0	65	0	2	56	(s)	(s)	(s)	6	166	(s)
Hong Kong	0	21	0	0	(s)	209	3	12	3	0	1	11	261	1
India	0	1	0	(s)	194	0	(s)	93	2	54	(s)	39	383	1
Indonesia	0	1	0	0	1	0	1	188	1	175	1	5	373	1
Iran	0	0	0	0	0	0	0	2	0	0	0	0	2	(s)
Israel	0	7	0	0	0	0	(s)	10	(s)	1	(s)	25	44	(s)
Italy	0	1,008	0	245	588	3,033	14	26	4	5,080	(s)	1,642	11,640	32
Ivory Coast	0	0	0	0	0	0	(s)	27	0	1	1	1	30	(s)
Jamaica	0	33	0	0	0	0	61	122	(s)	0	(s)	9	225	1
Japan	0	130	1	227	5,458	5,645	79	236	27	12,597	1	436	24,836	68
Jordan	0	0	0	(s)	1	0	0	12	0	0	0	1	13	(s)
Korea, Republic of	0	9	0	0	1,318	8,298	2	28	3	402	30	79	10,169	28
Kuwait	0	7	0	0	0	0	(s)	19	(s)	1	152	4	184	1
Lebanon	0	1	0	0	0	0	(s)	9	(s)	0	0	1	11	(s)
Liberia	0	0	0	0	0	(s)	(s)	4	(s)	0	0	1	5	(s)
Malaysia	0	0	0	0	(s)	0	1	7	(s)	26	(s)	81	116	(s)
Mexico	0	7,266	5,668	387	4,460	234	48	832	26	466	9	67	19,464	53
Netherlands	0	1,654	0	223	3,112	16,980	41	115	4	7,854	1	1,107	31,092	85
Netherlands Antilles	0	6	0	0	16	2,812	(s)	11	(s)	0	0	1	2,847	8
New Zealand	0	4	(s)	0	166	0	8	24	1	384	(s)	16	603	2
Nicaragua	0	1	0	0	0	0	0	32	0	(s)	(s)	2	36	(s)
Nigeria	0	1	0	126	174	39	2	222	(s)	0	2	7	572	2
Norway	0	2	0	0	1,095	(s)	0	8	(s)	890	(s)	3	1,997	5
Pacific Trust Terr.	0	2	0	0	0	0	0	1	0	0	2	(s)	4	(s)
Panama	0	65	0	0	769	1,164	1	128	1	2	1	6	2,136	6
Peru	0	20	0	(s)	(s)	0	(s)	138	(s)	(s)	(s)	7	167	(s)
Philippines	0	2	0	40	0	645	5	61	2	3	(s)	143	901	2
Puerto Rico	26,278	545	996	22	15	5,026	1,256	144	11	357	1	89	34,742	95

See footnotes at end of table.

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	3	0	0	229	0	1	176	32	280	5	632	1,357	4
Saudi Arabia	0	42	0	0	(s)	5	4	266	(s)	5	3	39	365	1
Singapore	0	10	0	0	1,096	6,181	17	45	(s)	15	1	21	7,386	20
Spain	0	122	0	0	443	786	0	19	1	6,571	0	691	8,634	24
Surinam	0	(s)	0	0	1	0	(s)	3	(s)	146	0	1	150	(s)
Sweden	0	109	0	0	900	794	(s)	39	1	485	(s)	71	2,399	7
Switzerland	0	6	0	0	915	769	(s)	6	1	0	(s)	9	1,707	5
Thailand	0	2	30	0	0	518	2	16	(s)	34	(s)	216	818	2
Trinidad and Tobago	0	31	0	0	0	(s)	10	54	(s)	3	(s)	5	104	(s)
Turkey	0	197	0	0	(s)	328	(s)	21	(s)	220	0	23	790	2
United Arab Emirates	0	5	0	0	0	0	(s)	12	0	291	1	7	316	1
United Kingdom	0	20	1	150	404	3,346	8	254	4	816	1	164	5,167	14
U.S.S.R.	0	0	0	0	0	(s)	0	834	0	1,042	0	84	1,961	5
Uruguay	0	(s)	0	0	0	0	(s)	9	(s)	0	(s)	1	10	(s)
Venezuela	0	96	(s)	0	0	0	12	19	3	421	2	314	867	2
Virgin Islands	41,355	21	0	0	346	738	0	(s)	0	14	0	3	42,477	116
West Germany	0	28	(s)	0	597	0	1	56	44	1,484	(s)	634	2,842	8
Yugoslavia	0	5	0	0	0	0	(s)	2	(s)	277	0	(s)	284	1
Other	5,563	322	35	167	244	1,558	3	102	1	0	6	45	8,046	22
Total	86,279	23,596	7,195	2,076	27,124	76,448	1,750	6,012	252	56,824	444	9,513	297,514	815

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	15,182	—	—	—	—	15,892	—	—	—	—	—	41,525	1,733	25,313	99,645
Tank Farms and Pipelines	—	—	2,265	—	—	—	—	60,989	—	—	—	—	—	99,054	10,263	30,819	203,390
Leases	—	—	65	—	—	—	—	1,569	—	—	—	—	—	19,175	1,461	1,782	24,052
Strategic Petroleum Reserve	—	—	0	—	—	—	—	0	—	—	—	—	—	293,827	0	0	293,827
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	22,643	22,643
Total	—	—	17,512	—	—	—	—	78,450	—	—	—	—	—	453,581	13,457	80,557	643,557
Petroleum Products																	
Refinery	42,875	3,622	46,497	886	42,571	6,293	20,047	69,797	10,287	71,175	47,632	5,371	1,441	135,906	14,511	65,397	332,108
Bulk Terminal	141,110	8,542	149,652	3,979	40,556	8,785	11,991	65,311	4,766	30,064	8,130	3,533	544	47,037	2,958	19,821	284,779
Pipeline	26,456	2,715	29,171	1,294	12,436	3,952	18,219	35,901	7,444	8,162	7,451	15,293	1,053	39,403	2,813	4,301	111,589
Natural Gas Processing Plant	429	572	1,001	0	2,126	120	16,120	18,366	5,509	18,363	9,339	3,613	690	37,513	311	700	57,891
Total	210,870	15,451	226,321	6,159	97,689	19,150	66,377	189,375	28,006	127,764	72,552	27,810	3,728	259,859	20,593	90,219	786,367
Natural Gasoline and Isopentane																	
Refinery	2	0	2	0	28	135	105	268	37	89	173	1	24	324	8	28	630
Pipeline	0	0	0	0	129	17	268	414	211	37	0	81	81	410	182	5	1,011
Natural Gas Processing Plant	2	24	25	0	26	16	1,614	1,656	332	1,742	475	29	39	2,618	40	22	4,361
Total	4	24	27	0	183	168	1,987	2,338	580	1,868	648	111	144	3,352	230	55	6,002
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	16	94	0	28	28	0	0	56	0	0	150
Natural Gas Processing Plant	0	0	0	0	102	2	2,114	2,218	244	724	115	1	168	1,253	32	1	3,504
Total	0	0	0	0	180	2	2,130	2,312	244	752	143	1	168	1,309	32	1	3,654
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	12	86	0	82	0	180	0	0	185
Pipeline	0	0	0	0	0	0	0	0	814	269	49	4	17	1,153	0	0	1,153
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	42	37	3	9	1	91	10	0	108
Total	0	0	0	0	7	0	5	12	868	392	52	95	18	1,424	10	0	1,446
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	386	0	0	0	386	0	0	394
Bulk Terminal	0	0	0	0	50	0	42	92	0	289	0	0	0	289	0	0	381
Pipeline	0	0	0	0	43	940	152	1,135	167	79	107	0	3	356	0	0	1,491
Natural Gas Processing Plant	0	0	0	0	25	0	850	874	388	1,390	302	0	0	2,080	1	0	2,955
Total	0	0	0	0	126	940	1,044	2,109	555	2,144	409	0	3	3,111	1	0	5,221
Propane for Petrochemical Feedstock Use																	
Refinery	55	0	55	0	90	0	2	92	0	5	417	0	0	422	0	0	569
Total	55	0	55	0	90	0	2	92	0	5	417	0	0	422	0	0	569
Propane for Other Uses																	
Refinery	650	8	658	4	1,191	39	302	1,536	77	689	1,005	3	5	1,779	162	235	4,370
Bulk Terminal	606	0	606	0	1,083	82	300	1,465	134	10,610	126	32	0	10,902	31	0	13,004
Pipeline	893	1,513	2,406	3	1,428	254	1,948	3,633	472	408	249	518	152	1,799	121	0	7,959
Natural Gas Processing Plant	395	540	935	0	1,878	91	8,110	10,079	2,693	4,999	5,462	3,466	210	16,830	146	238	28,228
Total	2,544	2,061	4,605	7	5,580	466	10,660	16,713	3,376	16,706	6,842	4,019	367	31,310	460	473	53,561

See footnotes at end of table.

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	17	0	17	0	13	0	2	0	15	0	2	34
Total	0	0	0	0	0	17	0	17	0	13	0	2	0	15	0	2	34
Butane for Other Uses																	
Refinery	182	0	182	162	207	53	194	616	74	379	543	4	4	1,004	155	601	2,558
Bulk Terminal	236	0	236	0	206	0	73	279	95	2,230	0	0	0	2,325	0	0	2,840
Pipeline	33	65	98	58	724	15	326	1,123	875	19	5	140	77	1,116	144	0	2,481
Natural Gas Processing Plant	17	7	23	0	54	9	870	934	863	3,233	1,894	63	90	6,143	40	358	7,498
Total	468	72	539	220	1,191	77	1,463	2,952	1,907	5,861	2,442	207	171	10,588	339	959	15,377
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	1	10	11	0	7	29	2	174	206
Bulk Terminal	0	0	0	0	130	0	0	130	0	0	0	0	0	0	0	0	130
Pipeline	0	0	0	0	0	0	20	20	604	29	14	0	1	648	0	0	668
Natural Gas Processing Plant	0	0	0	0	11	0	36	47	56	2	0	1	0	59	0	5	111
Total	0	0	0	0	142	0	56	198	661	41	25	1	8	736	2	179	1,115
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	3	0	7	10	116	2,408	0	0	0	2,524	0	0	2,534
Pipeline	0	0	0	0	66	0	457	523	398	86	2	0	114	600	122	0	1,245
Natural Gas Processing Plant	0	0	0	0	0	0	1,288	1,288	318	4,305	0	0	109	4,733	0	0	6,021
Total	0	0	0	0	69	0	1,752	1,821	832	6,799	2	0	223	7,857	122	0	9,800
Isobutane																	
Refinery	0	8	8	33	124	25	164	346	100	133	432	13	7	685	22	26	1,087
Bulk Terminal	0	0	0	0	53	0	92	145	98	1,375	0	0	0	1,473	0	0	1,618
Pipeline	15	0	15	0	315	0	76	391	159	11	0	150	48	368	36	0	810
Natural Gas Processing Plant	1	2	2	0	23	2	1,233	1,258	321	1,928	1,086	40	71	3,446	1	76	4,783
Total	16	10	25	33	515	27	1,565	2,140	678	3,447	1,518	203	126	5,972	59	102	8,298
Other Hydrocarbons and Alcohol																	
Refinery	83	26	109	0	70	0	0	70	1	86	40	0	0	127	0	5	311
Total	83	26	109	0	70	0	0	70	1	86	40	0	0	127	0	5	311
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,265	315	3,580	43	2,570	122	1,139	3,874	791	6,228	4,266	141	95	11,521	439	4,689	24,103
Kerosene and Lighter Gas Oils	1,896	9	1,905	0	2,058	8	752	2,818	416	6,083	1,343	36	5	7,883	334	3,796	16,736
Heavy Gas Oils	5,794	357	6,151	87	4,708	325	1,795	6,915	848	11,502	6,278	673	138	19,439	818	11,226	44,549
Residuum	1,711	309	2,020	4	2,898	21	1,247	4,170	542	3,560	3,219	45	0	7,366	1,095	5,230	19,881
Total	12,666	990	13,656	134	12,234	476	4,933	17,777	2,597	27,373	15,106	895	238	46,209	2,686	24,941	105,269
Motor Gasoline Blending Components																	
Refinery	4,956	105	5,061	32	5,903	683	1,973	8,591	1,369	8,308	6,388	100	193	16,358	2,473	7,615	40,098
Bulk Terminal	219	1	220	5	92	2	81	180	49	0	0	0	0	49	0	45	494
Pipeline	0	0	0	0	84	2	220	306	35	0	0	0	0	35	0	0	341
Total	5,175	106	5,281	37	6,079	687	2,274	9,077	1,453	8,308	6,388	100	193	16,442	2,473	7,660	40,933

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	5	0	5	0	140	0	9	149	37	70	209	0	0	316	0	22	492
Total	5	0	5	0	140	0	9	149	37	70	209	0	0	316	0	22	492
Total Finished Motor Gasoline																	
Refinery	6,040	327	6,367	107	5,920	1,315	3,792	11,134	2,366	8,160	6,395	994	208	18,123	2,892	8,370	46,886
Bulk Terminal	37,291	3,415	40,706	1,890	18,045	3,992	5,301	29,228	2,353	5,556	1,646	2,066	328	11,949	1,849	9,575	93,307
Pipeline	14,410	718	15,128	629	6,004	1,322	7,898	15,853	2,438	4,391	4,318	8,365	181	19,693	1,313	2,264	54,251
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	0	0	0	0	0	0	40	0	54
Total Finished Motor Gasoline	57,755	4,460	62,215	2,626	29,969	6,629	16,991	56,215	7,157	18,107	12,359	11,425	717	49,765	6,094	20,209	194,498
Finished Leaded Motor Gasoline																	
Refinery	2,534	197	2,731	48	2,776	852	2,120	5,798	1,353	3,869	3,090	766	102	9,180	1,898	3,557	23,164
Bulk Terminal	17,684	1,606	19,290	974	9,236	2,364	3,425	15,999	1,289	2,876	779	1,025	189	6,158	1,193	5,017	47,657
Pipeline	6,780	283	7,063	345	2,975	871	4,385	8,576	965	2,595	1,742	4,331	85	9,718	835	1,113	27,305
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	0	0	0	0	0	0	37	0	43
Total	27,004	2,086	29,090	1,367	14,989	4,087	9,930	30,373	3,607	9,340	5,611	6,122	376	25,056	3,963	9,687	98,169
Finished Unleaded Motor Gasoline																	
Refinery	3,506	130	3,636	59	3,139	463	1,672	5,333	1,013	4,291	3,305	228	106	8,943	994	4,806	23,712
Bulk Terminal	19,595	1,809	21,404	916	8,767	1,628	1,870	13,181	1,064	2,680	867	1,041	139	5,791	656	4,558	45,590
Pipeline	7,630	435	8,065	284	3,029	450	3,513	7,276	1,473	1,796	2,576	4,034	96	9,975	478	1,151	26,945
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	0	0	0	0	0	0	3	0	12
Total	30,740	2,374	33,114	1,259	14,935	2,541	7,055	25,790	3,550	8,767	6,748	5,303	341	24,709	2,131	10,515	96,259
Gasohol																	
Refinery	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	7	10
Bulk Terminal	12	0	12	0	42	0	6	48	0	0	0	0	0	0	0	0	60
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	12	0	12	0	45	1	6	52	0	0	0	0	0	0	0	7	71
Finished Aviation Gasoline																	
Refinery	12	0	12	0	81	0	29	110	22	365	92	0	0	479	44	223	868
Bulk Terminal	352	64	416	1	279	46	87	413	42	5	2	23	16	88	23	391	1,331
Pipeline	0	0	0	0	10	0	9	19	9	5	0	0	0	14	0	0	33
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	74	0	0	0	0	74	0	0	74
Total	364	64	428	1	370	46	125	542	147	375	94	23	16	655	67	614	2,306
Naphtha-Type Jet Fuel																	
Refinery	251	36	287	0	416	29	264	709	292	520	467	190	128	1,597	251	831	3,675
Bulk Terminal	18	10	28	9	159	46	166	380	116	52	0	44	0	212	13	95	728
Pipeline	199	0	199	21	16	96	76	209	85	0	62	110	228	485	85	286	1,264
Total	468	46	514	30	591	171	506	1,298	493	572	529	344	356	2,294	349	1,212	5,667
Kerosene-Type Jet Fuel																	
Refinery	1,191	0	1,191	43	1,172	104	201	1,520	305	1,813	2,252	17	23	4,410	379	3,024	10,524
Bulk Terminal	4,414	178	4,592	59	2,563	236	543	3,401	228	1,072	83	44	37	1,464	150	1,615	11,222
Pipeline	3,164	110	3,274	84	557	211	1,490	2,342	418	787	732	1,113	37	3,087	109	622	9,434
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8,769	288	9,057	186	4,292	551	2,234	7,263	951	3,672	3,067	1,174	97	8,961	638	5,261	31,180

See footnotes at end of table.

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	307	90	397	0	582	44	224	850	52	840	449	9	54	1,404	13	97	2,761
Bulk Terminal	3,815	403	4,218	230	1,272	70	21	1,593	14	332	36	24	0	406	29	48	6,294
Pipeline	590	2	592	26	129	0	39	194	31	70	300	175	0	576	0	1	1,363
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	2
Total	4,712	495	5,207	256	1,983	114	284	2,637	98	1,242	785	208	54	2,388	42	146	10,420
Total Distillate Fuel Oils																	
Refinery	8,086	505	8,591	53	7,589	2,119	4,659	14,420	1,381	8,356	5,192	1,310	353	16,592	2,463	5,980	48,046
Bulk Terminal	61,306	3,232	64,538	1,379	13,725	3,430	4,425	22,959	1,308	4,500	1,622	1,093	163	8,686	860	5,642	102,685
Pipeline	7,152	307	7,459	473	2,853	1,095	5,209	9,630	687	1,940	1,585	4,637	114	8,963	701	1,106	27,859
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	76,544	4,044	80,588	1,905	24,167	6,644	14,294	47,010	3,377	14,796	8,399	7,040	630	34,242	4,024	12,728	178,592
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,086	498	8,584	53	7,552	2,119	4,659	14,383	1,344	8,120	5,044	1,229	295	16,032	2,455	5,922	47,376
Bulk Terminal	59,901	3,232	63,133	1,371	13,662	3,430	4,425	22,888	1,294	4,500	1,555	1,093	163	8,605	860	5,605	101,091
Pipeline	7,152	307	7,459	473	2,853	1,095	5,209	9,630	687	1,940	1,585	4,637	114	8,963	701	1,106	27,859
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	75,139	4,037	79,176	1,897	24,067	6,644	14,294	46,902	3,326	14,560	8,184	6,959	572	33,601	4,016	12,633	176,328
No. 4 Fuel Oil																	
Refinery	0	7	7	0	37	0	0	37	37	236	148	81	58	560	8	58	670
Bulk Terminal	1,405	0	1,405	8	63	0	0	71	14	0	67	0	0	81	0	37	1,594
Total	1,405	7	1,412	8	100	0	0	108	51	236	215	81	58	641	8	95	2,264
Residual Fuel Oils																	
Refinery	4,463	137	4,600	111	2,500	379	153	3,143	317	5,150	4,460	279	40	10,246	634	7,651	26,274
Bulk Terminal	29,557	577	30,134	153	1,107	170	643	2,073	201	1,616	4,169	41	0	6,027	0	1,674	39,908
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	34,020	714	34,734	264	3,607	549	796	5,216	518	6,767	8,629	320	40	16,274	634	9,342	66,200
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	102	0	102	0	97	0	85	182	108	969	330	9	0	1,416	0	267	1,967
Total	102	0	102	0	97	0	85	182	108	969	330	9	0	1,416	0	267	1,967
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	5	0	5	0	185	0	1	186	343	832	224	42	0	1,441	0	548	2,180
Total	5	0	5	0	185	0	1	186	343	832	224	42	0	1,441	0	548	2,180
Special Naphthas																	
Refinery	28	42	70	0	210	0	165	375	38	1,284	56	139	0	1,517	9	231	2,202
Bulk Terminal	750	73	823	46	204	5	0	255	0	2	0	21	0	23	0	34	1,135
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	137	0	0	0	0	137	0	0	137
Total	778	115	893	46	414	5	165	630	175	1,286	56	160	0	1,677	9	265	3,474
Lubricants																	
Refinery																	
Bright Stock	88	457	545	0	44	0	49	93	0	297	56	0	0	353	4	39	1,034
Neutral	469	486	955	0	567	0	534	1,101	0	1,852	1,002	84	0	2,938	68	572	5,634
Other	623	147	770	0	146	0	136	282	47	1,738	281	201	0	2,267	9	110	3,438
Bulk Terminals	821	188	1,009	83	434	18	77	612	12	17	210	60	0	299	3	502	2,425
Total	2,001	1,278	3,279	83	1,191	18	796	2,088	59	3,904	1,549	345	0	5,857	84	1,223	12,531

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	4	28	32	0	0	0	12	12	26	25	11	0	0	62	0	0	106
Total	4	28	32	0	0	0	12	12	26	25	11	0	0	62	0	0	106
Wax, Crystalline--Fully Refined																	
Refinery	16	66	82	0	18	0	38	56	0	93	183	0	0	276	10	41	465
Total	16	66	82	0	18	0	38	56	0	93	183	0	0	276	10	41	465
Wax, Crystalline--Other																	
Refinery	6	74	80	0	0	0	11	11	0	108	0	0	0	108	0	16	215
Total	6	74	80	0	0	0	11	11	0	108	0	0	0	108	0	16	215
Petroleum Coke																	
Refinery	801	0	801	0	816	132	1,026	1,974	1	137	523	268	0	929	776	2,241	6,721
Total	801	0	801	0	816	132	1,026	1,974	1	137	523	268	0	929	776	2,241	6,721
Asphalt																	
Refinery	1,474	38	1,512	206	2,148	731	971	4,056	635	573	976	679	157	3,020	1,451	1,289	11,328
Bulk Terminal	1,706	401	2,107	124	1,137	686	130	2,077	0	0	225	72	0	297	0	75	4,556
Total	3,180	439	3,619	330	3,285	1,417	1,101	6,133	635	573	1,201	751	157	3,317	1,451	1,364	15,884
Road Oil																	
Refinery	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	32	47
Total	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	32	47
Miscellaneous Products																	
Refinery	310	52	362	1	64	12	15	92	49	436	359	50	0	894	0	186	1,534
Bulk Terminal	19	0	19	0	14	2	3	19	0	0	11	13	0	24	0	125	187
Pipeline	0	0	0	0	0	0	15	15	41	2	0	0	0	43	0	0	58
Natural Gas Processing Plant	0	0	0	0	4	0	0	4	40	4	1	2	0	48	1	0	53
Total	329	52	381	1	82	14	33	130	130	442	371	65	0	1,009	1	311	1,832
Total Stocks, All Oils	--	--	243,833	--	--	--	--	267,825	--	--	--	--	--	713,440	34,050	170,776	1,429,924

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[1] Crude oil data are not collected by refinery district.

[2] Includes 33,849 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

-- Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil	77	90	0	302	0	0	0	4,806	15,479	0	110	0	0	0	30,413	0	192,285
Petroleum Products	95,148	6,860	199	33,507	66,040	28,555	13	1,012,675	270,654	0	29,044	13,126	523	13,234	1,662	2	2,740
Natural Gasoline and Isopentane	0	0	0	0	3,731	0	0	0	12,301	0	0	3,822	86	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	30	250	0	9,837	20,292	1,482	0	20,514	70,731	0	0	443	437	0	0	0	0
Unfinished Oils	157	1,884	0	81	0	0	0	11,129	1,423	0	1,158	0	0	0	0	0	420
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	8,968	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	66,868	1,107	199	14,759	22,440	16,986	0	562,878	107,136	0	11,898	5,389	0	8,894	21	0	0
Finished Leaded Motor Gasoline	37,354	36	0	6,150	13,137	9,615	0	253,023	54,149	0	5,965	3,684	0	6,026	0	0	0
Finished Unleaded Motor Gasoline	29,514	1,071	199	8,609	9,303	7,357	0	309,855	52,973	0	5,933	1,705	0	2,868	21	0	0
Gasonol	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	79	0	0	0	0	220	0	2,792	1,630	0	71	0	0	0	0	0	0
Naphtha-Type Jet Fuel	1,486	0	0	20	910	0	0	7,750	154	0	2,023	282	0	1,025	0	0	0
Kerosene-Type Jet Fuel	2,163	0	0	955	741	7,618	0	98,366	20,854	0	2,354	55	0	696	0	0	0
Kerosene	1,073	0	0	74	0	0	0	9,710	1,281	0	2	0	0	0	0	0	0
Distillate Fuel Oil	22,423	709	0	3,023	7,563	2,249	0	235,427	33,965	0	4,508	3,135	0	2,619	0	0	0
Distillate Fuel Oil Less No. 4	22,423	699	0	3,023	7,198	2,249	0	233,984	33,965	0	4,508	3,135	0	2,619	0	0	0
No. 4 Fuel Oil	0	10	0	0	365	0	0	1,443	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	1,119	0	1,585	9,245	0	13	44,742	2,567	0	4,833	0	0	0	1,563	0	1,741
Naphtha and Other Oils for Petro. Feedstock	464	823	0	335	347	0	0	1,039	784	0	30	0	0	0	0	0	10
Special Napnthas	0	0	0	109	0	0	0	3,093	1,652	0	0	0	0	0	0	0	0
Lubricants	348	763	0	659	269	0	0	7,250	2,793	0	1,826	0	0	0	0	0	305
Wax	0	10	0	9	0	0	0	84	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	102	0	824	426	0	0	3,138	3,145	0	238	0	0	0	0	0	0
Miscellaneous Products	57	93	0	1,237	76	0	0	4,763	1,245	0	103	0	0	0	78	2	264
Total All Products	95,225	6,950	199	33,809	66,040	28,555	13	1,017,481	286,133	0	29,154	13,126	523	13,234	32,075	2	195,025

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	3,731	0	0	12,301	0	0	3,822	86	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	25	0	0	0	0	0
Liquefied Petroleum Gases	0	9,749	20,262	1,482	17,904	70,318	0	0	443	437	0
Motor Gasoline Blending Components	0	0	0	0	0	8,968	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	52,189	12,667	22,344	16,986	442,070	97,444	0	10,228	5,389	0	8,894
Finished Leaded Motor Gasoline	29,386	5,169	13,054	9,615	200,392	49,141	0	5,734	3,684	0	6,026
Finished Unleaded Motor Gasoline	22,803	7,498	9,290	7,357	241,678	48,289	0	4,494	1,705	0	2,868
Gasohol	0	0	0	14	0	14	0	0	0	0	0
Finished Aviation Gasoline	79	0	0	220	256	1,243	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	910	0	3,009	96	0	2,021	282	0	1,025
Kerosene-Type Jet Fuel	1,549	712	741	7,618	64,117	17,906	0	2,063	55	0	696
Kerosene	352	46	0	0	7,237	1,252	0	0	0	0	0
Distillate Fuel Oil	15,396	2,556	6,969	2,249	191,259	28,627	0	4,323	3,135	0	2,619
Distillate Fuel Oil Less No. 4	15,396	2,556	6,969	2,249	191,259	28,627	0	4,323	3,135	0	2,619
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	1,237	0	0	0	682	0	0	0	0	0
Total	69,565	26,967	54,957	28,555	725,852	238,862	0	18,635	13,126	523	13,234

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	77	90	0	302	0	0	4,806	0	4,806	0	15,479	110	30,413	0	192,285
Petroleum Products	25,583	6,860	199	6,540	11,083	13	286,823	25,287	56,892	204,644	31,792	10,409	1,662	2	2,740
Liquefied Petroleum Gases	30	250	0	88	30	0	2,610	0	25	2,585	413	0	0	0	0
Unfinished Oils	157	1,884	0	81	0	0	11,129	277	10,458	394	1,423	1,158	0	0	420
Finished Motor Gasoline	14,679	1,107	199	2,092	96	0	120,808	5,144	5,861	109,803	9,692	1,670	21	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	2,536	267	647	1,622	387	71	0	0	0
Naphtha-Type Jet Fuel	1,486	0	0	20	0	0	4,741	57	329	4,355	58	2	0	0	0
Kerosene-Type Jet Fuel	614	0	0	243	0	0	34,249	4,002	4,929	25,318	2,948	291	0	0	0
Kerosene	721	0	0	28	0	0	2,473	235	1,460	778	29	2	0	0	0
Distillate Fuel Oil	7,027	709	0	467	594	0	44,168	7,205	9,331	27,632	5,338	185	0	0	0
Residual Fuel Oil	0	1,119	0	1,585	9,245	13	44,742	7,635	12,137	24,970	2,567	4,833	1,563	0	1,741
Naphtha and Other Oils for Petro. Feed. Use	464	823	0	335	347	0	1,039	0	425	614	784	30	0	0	10
Special Naphthas	0	0	0	109	0	0	3,093	255	1,757	1,081	1,652	0	0	0	0
Lubricants	348	763	0	659	269	0	7,250	127	5,108	2,015	2,793	1,826	0	0	305
Wax	0	10	0	9	0	0	84	0	64	20	0	0	0	0	0
Asphalt and Road Oil	0	102	0	824	426	0	3,138	0	351	2,787	3,145	238	0	0	0
Miscellaneous Products	57	93	0	0	76	0	4,763	83	4,010	670	563	103	78	2	264
Total	25,660	6,950	199	6,842	11,083	13	291,629	25,287	61,698	204,644	47,271	10,519	32,075	2	195,025

Commodity	P.A.D. District I			P.A.D. District II			P.A.D. District III			P.A.D. District IV			P.A.D. District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	35,521	167	35,354	15,556	302	15,254	192,375	20,395	171,980	0	0	0	110	222,698	-222,588
Petroleum Products	1,047,844	102,207	945,637	378,930	128,115	250,815	76,163	1,312,373	-1,236,210	28,555	26,883	1,672	42,490	4,404	38,086
Natural Gasoline and Isopentane	0	0	0	16,123	3,731	12,392	3,817	12,301	-8,484	0	3,908	-3,908	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	25	0	25	0	25	-25	0	0	0	0	0	0
Liquefied Petroleum Gases	30,351	280	30,071	71,204	31,611	39,593	20,979	91,245	-70,266	1,482	880	602	0	0	0
Unfinished Oils	11,210	2,041	9,169	1,580	81	1,499	2,304	13,710	-11,406	0	0	0	1,158	420	738
Motor Gasoline Blending Components	0	0	0	8,968	0	8,968	0	8,968	-8,968	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	577,658	68,174	509,484	179,393	54,185	125,208	23,547	681,912	-658,365	16,986	14,283	2,703	20,991	21	20,970
Finished Leaded Motor Gasoline	259,173	37,390	221,783	95,187	28,902	66,285	13,173	313,137	-299,964	9,615	9,710	-95	11,991	0	11,991
Finished Unleaded Motor Gasoline	318,485	30,784	287,701	84,192	25,269	58,923	10,374	368,761	-358,387	7,357	4,573	2,784	9,000	21	8,979
Gasohol	0	0	0	14	14	0	0	14	-14	14	0	14	0	0	0
Finished Aviation Gasoline	2,792	79	2,713	1,709	220	1,489	0	4,493	-4,493	220	0	220	71	0	71
Naphtha-Type Jet Fuel	7,770	1,486	6,284	1,922	930	992	910	9,927	-9,017	0	1,307	-1,307	3,048	0	3,048
Kerosene-Type Jet Fuel	99,321	2,163	97,158	23,072	9,314	13,758	741	121,574	-120,833	7,618	751	6,867	3,050	0	3,050
Kerosene	9,784	1,073	8,711	2,354	74	2,280	0	10,993	-10,993	0	0	0	2	0	2
Distillate Fuel Oil	238,450	23,132	215,318	59,523	12,835	46,688	8,272	273,900	-265,628	2,249	5,754	-3,505	7,127	0	7,127
Distillate Fuel Oil Less No. 4	237,007	23,122	213,885	59,523	12,470	47,053	7,897	272,457	-264,560	2,249	5,754	-3,505	7,127	0	7,127
No. 4 Fuel Oil	1,443	10	1,433	0	365	-365	375	1,443	-1,068	0	0	0	0	0	0
Residual Fuel Oil	47,890	1,119	46,771	2,567	10,843	-8,276	12,105	52,142	-40,037	0	0	0	4,846	3,304	1,542
Naphtha and Other Oils for Petro. Feedstock Use	1,374	1,287	87	1,248	682	566	1,180	1,853	-673	0	0	0	30	10	20
Special Naphthas	3,202	0	3,202	1,652	109	1,543	0	4,745	-4,745	0	0	0	0	0	0
Lubricants	7,909	1,111	6,798	3,141	928	2,213	1,337	11,869	-10,532	0	0	0	1,826	305	1,521
Wax	93	10	83	0	9	-9	10	84	-74	0	0	0	0	0	0
Asphalt and Road Oil	3,962	102	3,860	3,145	1,250	1,895	528	6,521	-5,993	0	0	0	238	0	238
Miscellaneous Products	6,078	150	5,928	1,304	1,313	-9	433	6,111	-5,678	0	0	0	103	344	-241
Total All Products	1,083,365	102,374	980,991	394,486	128,417	266,069	268,538	1,332,768	-1,064,230	28,555	26,883	1,672	42,600	227,102	-184,502

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	112	112	1	332	0	0	333	315	2,848	-497	743	2,487	5,896	319	1,040	7,700
0.00 to 0.30% Sulfur	0	23	23	0	10	0	0	10	5	2,541	-44	25	0	2,527	0	0	2,560
0.31 to 0.50% Sulfur	0	0	0	0	22	0	0	22	175	0	0	0	0	175	316	-1	512
0.51 to 1.00% Sulfur	0	0	0	1	150	0	0	151	14	307	67	24	2,487	2,899	0	312	3,362
1.01 to 2.00% Sulfur	0	89	89	0	0	0	0	0	121	0	0	0	0	121	3	99	312
Greater Than 2.00% Sulfur	0	0	0	0	150	0	0	150	0	0	-520	694	0	174	0	630	954
Residual Fuel Oil	50,153	2,441	52,594	1,162	25,955	4,123	7,305	38,545	9,023	82,455	74,556	5,290	1,177	172,501	4,301	122,436	390,377
0.00 to 0.30% Sulfur	4,663	320	4,983	0	85	11	0	96	1,250	4,373	361	1,301	306	7,591	116	4,358	17,144
0.31 to 0.50% Sulfur	12,615	641	13,256	0	463	5	1,326	1,794	871	2,581	479	1,065	10	5,006	1,411	17,298	38,765
0.51 to 1.00% Sulfur	16,144	0	16,144	1,162	10,623	0	3,389	15,174	5,353	18,895	13,308	1,793	115	39,464	780	17,097	88,659
1.01 to 2.00% Sulfur	2,682	1,480	4,162	0	8,453	1,634	1,677	11,764	1,350	5,575	10,085	161	493	17,664	713	77,327	111,630
Greater Than 2.00% Sulfur	14,049	0	14,049	0	6,331	2,473	913	9,717	199	51,031	50,323	970	253	102,776	1,281	6,356	134,179

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	7	7	0	4	0	0	4	0	0	12	4	0	16	0	0	27
Bulk Terminal	474	0	474	0	0	0	0	0	0	0	0	0	0	0	0	0	474
Total	474	7	481	0	4	0	0	4	0	0	12	4	0	16	0	0	501
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	8	0	0	8	6	0	1	0	0	7	5	2	22
Bulk Terminal	70	0	70	0	0	0	0	0	0	0	1	0	0	1	0	0	71
Total	70	0	70	0	8	0	0	8	6	0	2	0	0	8	5	2	93
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	12	0	0	12	28	236	19	3	58	344	0	23	379
Bulk Terminal	398	0	398	0	63	0	0	63	0	0	11	0	0	11	0	0	472
Total	398	0	398	0	75	0	0	75	28	236	30	3	58	355	0	23	851
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	15	21
Bulk Terminal	393	0	393	0	0	0	0	0	0	0	0	0	0	0	0	37	430
Total	393	0	393	0	0	0	0	0	3	0	0	0	0	3	3	52	451
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	13	0	0	13	0	0	116	74	0	190	0	18	221
Bulk Terminal	70	0	70	8	0	0	0	8	14	0	55	0	0	69	0	0	147
Total	70	0	70	8	13	0	0	21	14	0	171	74	0	259	0	18	368
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	590	25	615	0	5	0	0	5	58	275	42	12	15	402	109	523	1,654
Bulk Terminal	4,490	0	4,490	0	25	0	0	25	0	0	2,506	2	0	2,508	0	0	7,023
Total	5,080	25	5,105	0	30	0	0	30	58	275	2,548	14	15	2,910	109	523	8,677
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	847	4	851	0	104	0	6	110	3	25	8	97	0	133	51	1,115	2,260
Bulk Terminal	2,981	0	2,981	0	24	0	0	24	0	26	0	0	0	26	0	0	3,031
Total	3,828	4	3,832	0	128	0	6	134	3	51	8	97	0	159	51	1,115	5,291
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,541	0	1,541	111	861	0	70	1,042	150	1,116	1,431	15	4	2,716	136	1,167	6,602
Bulk Terminal	7,056	80	7,136	66	509	11	24	610	117	246	279	0	0	642	0	322	8,710
Total	8,597	80	8,677	177	1,370	11	94	1,652	267	1,362	1,710	15	4	3,358	136	1,489	15,312
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	503	108	611	0	659	139	62	860	66	567	632	14	0	1,279	52	4,316	7,118
Bulk Terminal	2,815	418	3,233	87	394	107	474	1,062	0	512	435	22	0	969	0	1,016	6,280
Total	3,318	526	3,844	87	1,053	246	536	1,922	66	1,079	1,067	36	0	2,248	52	5,332	13,398
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	982	0	982	0	871	240	15	1,126	40	3,167	2,347	141	21	5,716	286	530	8,640
Bulk Terminal	12,215	79	12,294	0	155	52	145	352	84	832	949	17	0	1,882	0	336	14,864
Total	13,197	79	13,276	0	1,026	292	160	1,478	124	3,999	3,296	158	21	7,598	286	866	23,504
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	25,268	824	0	0	64	0	26,156
Iraq	0	0	0	0	0	0	0
Kuwait	533	0	0	0	0	0	533
Libya	216	421	0	0	0	0	637
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	645	0	645
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	26,017	1,246	0	0	708	0	27,971
Other OPEC							
Ecuador	427	0	0	3,091	0	0	3,518
Gabon	0	0	0	117	0	0	117
Indonesia	2,169	925	93	56	0	0	3,243
Iran	0	0	0	0	0	0	0
Nigeria	1,285	0	0	0	0	0	1,285
Venezuela	17,229	910	4,041	8,354	43,969	0	74,503
Subtotal Other OPEC	21,110	1,836	4,133	11,618	43,969	0	82,666
Other							
Angola	(s)	926	0	0	0	0	927
Australia	469	220	52	0	253	0	993
Bahamas	3,124	109	100	1,967	7,255	0	12,555
Bolivia	0	0	0	0	0	0	0
Brazil	3,880	0	2,604	0	0	0	6,485
Brunei	0	295	0	22	0	0	316
Canada	406	92	5,939	1,969	479	(s)	8,885
Congo	(s)	174	0	0	0	0	174
Egypt	0	0	0	0	18	0	18
France	0	0	172	0	0	0	172
Ghana	826	150	0	0	0	0	976
Liberia	0	0	0	0	0	0	0
Malaysia	0	8	0	0	621	0	628
Mexico	(s)	0	0	0	7,830	0	7,830
Netherlands	(s)	361	0	0	958	(s)	1,319
Netherlands Antilles	2,515	0	902	2,962	44,582	55	51,015
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	28	0	77	0	0	105
Peru	614	44	4,845	0	222	0	5,725
Puerto Rico	180	0	0	0	50	0	231
Romania	0	0	0	0	0	0	0
Spain	0	504	0	0	644	0	1,148
Syria	0	0	0	0	0	0	0
Trinidad	443	0	1,607	3,060	636	0	5,746
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	508	675	239	0	1,422
Virgin Islands	4,068	5,195	15,147	10,653	9,560	0	44,624
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	2,035	1,497	3,845	1,470	820	0	9,667
Other Eastern Hemisphere	4,391	3,249	3,148	539	176	0	11,504
Subtotal Other	22,951	12,853	38,870	23,392	74,343	55	172,464
Total Imports	70,078	15,934	43,004	35,011	119,020	55	283,101

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133,

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**57,318**	**11,107**	**36,313**	**31,207**	**99,913**	**55**	**235,912**
Connecticut	262	0	1,173	118	372	0	1,925
Delaware	893	356	462	0	0	0	1,712
Florida	3	0	3,842	2,022	16,174	0	22,040
Georgia	0	0	0	0	1,811	0	1,811
Maine	0	92	650	2,846	11,122	0	14,711
Maryland	0	0	3,403	2,255	4,266	0	9,924
Massachusetts	0	0	2,139	1,904	20,207	0	24,250
New Jersey	10,448	2,427	4,136	1,344	12,602	0	30,959
New York	42,543	5,334	14,239	14,184	13,601	0	89,901
North Carolina	0	0	263	1,428	2,749	0	4,440
Pennsylvania	2,814	2,725	4,315	1,198	2,907	0	13,959
Rhode Island	0	173	583	383	575	0	1,713
South Carolina	122	0	0	321	1,973	0	2,415
Vermont	0	0	0	0	0	0	0
Virginia	234	0	1,107	3,203	11,555	0	16,099
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**257**	**0**	**3,049**	**353**	**307**	**0**	**3,966**
Illinois	72	0	223	0	0	0	295
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	70	0	2,550	0	0	0	2,621
Minnesota	50	0	0	26	6	0	83
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	4	0	0	326	301	0	631
Ohio	60	0	276	0	0	0	336
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**10,237**	**2,017**	**3,395**	**2,728**	**17,323**	**0**	**35,700**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	4,496	653	2,459	2,339	12,321	0	22,268
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	5,741	1,364	935	389	5,003	0	13,432
PAD District IV	**0**	**0**	**0**	**9**	**0**	**0**	**9**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	9	0	0	9
Utah	0	0	0	0	0	0	0
PAD District V	**2,266**	**2,810**	**247**	**714**	**1,477**	(s)	**7,514**
Alaska	0	0	0	0	0	0	0
Arizona	(s)	0	0	0	0	0	(s)
California	2,178	0	0	0	961	0	3,139
Hawaii	16	2,810	170	693	0	0	3,689
Oregon	0	0	0	4	299	0	303
Washington	72	0	77	17	217	0	383
All PAD Districts	**70,078**	**15,934**	**43,004**	**35,011**	**119,020**	**55**	**283,101**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Note 1: Data Collection Methodology

Note 1.1 Monthly Reporting Systems

Background

Collection of monthly petroleum supply statistics began as early as 1918 when the Bureau of Mines (BOM) began collecting data on refinery operations and crude oil stocks and movements. The collection systems were further expanded to include natural gas plant liquids production and storage in 1925, imports of crude oil and petroleum products and storage and movements of petroleum products in 1959, and tanker and barge movements of crude oil and petroleum products in 1964. Since their inception, each survey has undergone numerous changes.

Respondent Frame

EIA-87: All petroleum refineries and plants that produce finished motor gasoline through the mechanical blending of liquids, which are operated or controlled in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, the Hawaiian Foreign Trade Zone, and Guam.

EIA-88: All bulk terminal facilities in the 50 States and the District of Columbia, Puerto Rico, and the Virgin Islands that (a) have a total bulk storage capacity of 50,000 barrels or more and/or (b) receive petroleum products by tanker, barge, or pipeline, regardless of ownership of the material.

EIA-89: All products pipeline companies that carry petroleum products (including interstate, intrastate and intracompany pipelines) in the 50 States and the District of Columbia.

EIA-90: All companies which carry or store crude oil of 1,000 barrels or more in the 50 States, and the District of Columbia. Included are gathering and trunk pipeline companies (including interstate, intrastate, and intracompany pipelines), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water.

EIA-64: All operators of facilities designed to: (1) extract liquid hydrocarbons from natural gas stream (natural gas processing plants); (2) separate a hydrocarbon stream into its component products, i.e., propane, butane, natural gasoline, etc., (fractionators); or (3) store the liquid hydrocarbons output of plants and fractionators.

EIA-170: All known companies and plants that have custody of crude oil and petroleum products transported by tanker and barge between PAD Districts or between PAD Districts and the Panama Canal.

ERA-60: All licensed importers and importers of record importing crude oil and petroleum products into the United States and Puerto Rico. The respondent universe consisted of approximately 1,100 firms as of July 31, 1982. The respondent universe for this survey is updated whenever an import license is granted by the Office of Oil Imports of the ERA.

EIA utilizes a number of sources and methods to maintain the survey respondent lists. On a regular basis, survey managers review industry publications such as the *Oil and Gas Journal* and *LP Gas Almanac* for information on facilities or companies going into operation or closing down. These are augmented by articles in newspapers, letters from respondents indicating changes in status, and information received from survey systems operated by other offices.

Periodically an extensive survey study is conducted to completely refresh the frames. This involves consolidating information from every known source including State agencies, Federal agencies (e.g., EPA, Corps of Engineers, Census Bureau, etc.), and private industry directories. The effort also includes the evaluation of the impact of potential frame changes on the historical time series of data published from these respondents. The results of this frame study are usually implemented in January to provide a full year under the same frame.

Collection Methods

The data for all the above surveys are collected monthly. Completed forms are required to be postmarked by the 20th day following the end of the report month, with the exception of the ERA-60 which is due 15 work days following the end of the report month. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. An automated mailing list is maintained and is used to monitor receipt of the forms.

Imputing Missing Data

Imputation is performed only for nonresponding companies that submitted reports in the previous month. For such companies, previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. In the event that the previous month's data were estimated, the respondent is contacted and requested to submit estimates, if necessary, to be followed by submission of actual data. Data for nonrespondents on the EIA-170 and ERA-60 are not imputed.

Response Rates

As of the filing deadline, the response rates of the EIA-87 through EIA-90 respondents is over 90 percent. The response rate for the EIA-64 is over 85 percent and for the EIA-170 it is 98 percent. All companies that have not responded are contacted by telephone. Although data are taken by telephone to expedite processing, a certified submission is still required. Names of companies that fail to file for 2 consecutive months are forwarded for further noncompliance action.

In July 1982, the ERA-60 survey had a response rate of 98 percent by the filing deadline. The universe was 1,100 firms at that time. (Because this is a dynamic survey, the universe is constantly changing.) Standard follow-up of nonrespondents is made to ensure that all reports are received, since data are not imputed for nonrespondents. In addition, response is cross-checked with response on the

Petroleum Licensing Decrementation System (PLDS), a listing of each month's importers. The response rate is generally 98 to 99 percent by the time the data are first published.

Note 1.2 Census Import (IM-145) and Export (EM-522 and EM-594) Data

Background

Each month the EIA purchases magnetic tapes of aggregated import and export statistics from the Bureau of the Census. These data provide the only source of export statistics and are used to augment the import data collected by the EIA. Export statistics and import data from the Census tapes on liquefied petroleum gases, bonded ships bunkers, and military offshore use are published in the *PSM* and the *PSA*.

Import Statistics (IM-145)

Coverage

The import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. Customs territory (the 50 States, the District of Columbia, and Puerto Rico), without regard to whether or not a commercial transaction is involved. In general, the statistics record the physical movement of merchandise into the United States from foreign countries, with the exception of the following types of transactions that are excluded from the statistics:

1. Merchandise in-transit through the United States, when documented with Customs as an in-transit movement.
2. Shipments from anywhere to U.S. possessions and shipments from U.S. possessions to the United States. (U.S. possessions include Puerto Rico, the Virgin Islands, Guam, and American Samoa.)
3. U.S. merchandise that was held in foreign countries by the U.S. Armed Forces and is returned to the United States for use by the Armed Forces.

Source of Import Information

The official U.S. import statistics are compiled by the Bureau of the Census from copies of the import entry and warehouse withdrawal forms that importers are required by law to file with Customs officials (Customs Forms 7501, 7505, 7506).

Imported petroleum is reported as Imports for Consumption. Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. With certain exceptions, as indicated above, these data generally reflect the total of commodities entered into U.S. consumption channels.

Country and Area of Origin

The country reported in the statistics as the country of origin is defined as the country where the merchandise was grown, mined, or manufactured. In instances where the country of origin cannot be determined, the transactions are credited to the country of shipment.

Export Statistics (EM-522 and EM-594)

Coverage

The export statistics reflect both government and nongovernment exports of domestic and foreign merchandise from the U.S. Customs territory (the 50 States, the District of Columbia, and Puerto Rico) to foreign countries, without regard to whether or not the exportation involves a commercial transaction. In general, the statistics record the physical movement of merchandise out of the United States to foreign countries, with the exception of the following types of transactions:

1. All shipments from U.S. possessions, regardless of whether the shipments are sent to the United States, to other U.S. possessions, or to foreign countries.
2. Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
3. Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

Source of Exportation Information

The official U.S. export statistics are compiled by the Bureau of the Census primarily from copies of Shipper's Export Declarations. Exporters are required to file Shipper's Export Declarations with Custom's officials. The only exceptions are those exporters who have been authorized to submit data directly to the Bureau of the Census on magnetic tape, punched cards, or monthly Shipper's Export Declarations.

Country and Area of Destination

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

Note 2: Supply

The components of petroleum supply are field production, refinery production, imports, and stock withdrawal or addition:

Field Production is the sum of crude oil production (including lease condensate), natural gas processing plant production, and new supply (field production) of other liquids used by refineries. Crude oil production is estimated based on data received from State conservation and revenue agencies. For further explanation, see Explanatory Note 3.

Field production of natural gas plant liquids (NGPL), including finished petroleum products, is reported monthly on survey Form EIA-64, *Monthly Natural Gas Liquids Report.* Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. For survey description and other detail, see Explanatory Note 1.1.

Refinery Production of LRGs, ethane, and finished petroleum products is reported monthly on survey Form EIA-87, *Monthly Refinery Report.* Published production of these products equals refinery production minus refinery input. Refinery production of unfinished oils and of motor and aviation gasoline blending components appears on a net basis under refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. It also should be noted that refineries do not export production of crude oil, natural gasoline, isopentane, unfractionated stream, plant condensate, or other hydrocarbons.

Imports of crude oil and petroleum products are reported monthly on Form ERA-60, *Report of Oil Imports into the United States and Puerto Rico,* and Form FEA-P133-M-O, *Shipments of Refined Products (Including Unfinished Oils) from Puerto Rico to the United States.* In addition, the Census Bureau Tabulation IM-145 summarizes import data from Customs import declarations reported on Customs Forms 7501 and 7505. The most prominent difference between the EIA and Census systems appears in imports of liquefied petroleum gases (LPG), where the Census data show a much higher level of imports than EIA data. This occurs because the ERA-60 respondent frame was built by monitoring importers of licensed products and LPGs are not licensed products. Therefore, respondents that import only LPGs have not been identified, and do not report these imports to the Department of Energy. Since these importers are required to file Form 7501 with the U.S. Customs Service, EIA obtains data on imports of LPGs from Census Tabulation IM-145. Additional data taken from the IM-145 are relatively small quantities of naphtha- and kerosene-type jet fuels, distillate fuel oils, and residual fuel oils withdrawn from bonded storage for use in international trade and for military offshore use. Even though these duty-free fuels are stored on United States shores, they did not enter the United States for domestic consumption and, therefore, are not included in the ERA-60 reporting system.

Stock Withdrawal (+) or Addition (-) is calculated by subtracting stocks at the end of the month from stocks at the beginning of the same month. (Note: The beginning stocks of one month are equal to the ending stocks of the previous month.) A positive result (+) would represent a withdrawal from stocks and an increase in petroleum supplies distributed for domestic consumption. A negative result (-) would represent a buildup of stocks and a reduction in the amount of petroleum supplies distributed for domestic consumption. For a description of survey forms used to make stock withdrawal or addition calculations, see Explantory Note 5.

Unaccounted-for Crude Oil is a balancing item that represents the difference between crude oil supply and disposition. Crude oil supply is the sum of field production, imports, and stock withdrawals or additions. Crude oil disposition is the sum of exports, refinery input, and crude used directly and losses. Unaccounted-for crude oil is calculated by subtracting crude oil supplies from crude oil disposition. A positive result indicates that refiners and exporters reported use of more crude oil than was reported to have been available to them. (This occurs, for example, when imports are undercounted due to late reporting or other problems.) A negative result would indicate that more crude oil was reported to have been supplied to refiners and exporters than they reported used.

Note 3: Domestic Crude Oil Production

Data for the Crude Oil Production System (COPS) are reported to the Department of Energy by each of the State conservation agencies, which collect crude oil production values for tax purposes. The U.S.Geological Survey reports the volume of crude oil that is produced offshore in Federally-owned waters. With the exception of ten State conservation agencies, all of these reports are received monthly. After each calendar year, these monthly numbers are updated using the annual reports from the State conservation agencies and the U.S. Geological Survey.

Note 4: Disposition

The components of petroleum disposition are crude oil used directly and losses, refinery inputs, exports, and products supplied for domestic consumption.

Crude Oil Used Directly and Losses is the sum of crude oil losses at refineries, crude oil burned at refineries, and crude oil burned on leases. Crude oil losses and consumption at refineries are reported on Form EIA-87, *Monthly Refinery Report.* Crude oil burned on leases is reported on Form EIA-90, *Crude Oil Stocks Report.* Crude oil burned on leases is divided into two categories: crude burned as residual fuel oil and crude burned as distillate fuel oil. Crude burned on leases appears as a negative supply to crude oil and as a positive supply to residual and distillate fuel oil.

Refinery inputs of crude oil, natural gas plant liquids, and other liquids are reported monthly on survey Form EIA-87, *Monthly Refinery Report.* Published inputs of unfinished oils and of motor and aviation gasoline blending components equal refinery input minus refinery output. Refinery inputs of finished petroleum products are reported on a net basis under refinery production.

Exports of crude oil and petroleum products are compiled from Census Bureau tabulations EM-522 and EM-594. Exports include crude oil shipments to Puerto Rico, the Virgin Islands, and the Hawaiian Foreign Trade Zone, which are obtained from refinery receipts reported on Form EIA-87, by refineries located in these places.

Product supplied for each product is calculated by summing field production plus refinery production, plus imports, plus stock withdrawal or minus stock addition, minus crude oil used directly and losses (plus net receipts when calculated on a PAD District basis), minus refinery input, minus exports. This formula ensures that total disposition equals total supply.

Product supplied indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of that product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported, (2) data were misreported or reported late, (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of interdistrict movements was incomplete.

Note 5: Stocks

Primary stocks of crude oil are the sum of ending stocks reported monthly on Form EIA-87, *Monthly Refinery Report,* and on Form EIA-90, *Monthly Crude Oil Report.* Crude oil held in the Strategic Petroleum Reserve is included unless otherwise noted. Alaskan crude oil in transit is also included. Primary stocks of petroleum products are summed from data reported on Form EIA-64, *Monthly Natural Gas Liquids Report,* Form EIA-88, *Monthly Bulk Terminal Report,* and on Form EIA-89, *Monthly Product Pipeline Report.* Primary stocks of petroleum products do not include either secondary stocks held by dealers and jobbers or stocks held by consumers. For survey descriptions and other details, see Explanatory Note 1.1.

Note 6: Average Stock Levels

The graphs displaying monthly stock levels of crude oil, motor gasoline, distillate fuel oil, residual fuel oil, liquefied petroleum gases, and other products provide the user with 1982 data as well as a summary of data from January through December for the most recent 3-year period. This summary takes the form of an average range that includes seasonal variation determined from a longer time period. The average range represents the historical pattern; it is not a forecast.

For each data series, the monthly seasonal factors are estimated by means of a seasonal adjustment technique developed at the Bureau of the Census (Census X-11). The seasonal factors are assumed to be stable (i.e., unchanging from year to year) and additive. The series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported stock levels. The intent of deseasonalization is to remove only seasonal variation from the data. Thus, a deseasonalized series would contain the same trends and irregularities as the original data. For crude oil stocks, the derived seasonal factors are very small relative to crude oil stock levels. Therefore, the seasonal factors for distillate fuel oil, residual fuel oil, liquefied petroleum gases and other products are derived using monthly data from 1974-1980. For motor gasoline, the seasonal factors are based on monthly data from 1975, 1976, 1978, 1979, and 1980. In 1977, there was virtually no seasonal behavior in motor gasoline stocks. Monthly stock levels stayed at the same high level for the entire year. In addition, the seasonal patterns in 1973, 1974, and 1977 were not representative of the recent past, and these years were not used in the determination of seasonal patterns for motor gasoline stocks. Because of these differences in the year-to-year seasonal fluctuation of motor gasoline, the evidence for the illustrated seasonal patterns for crude oil, distillate fuel oil, residual fuel oil, liquefied petroleum gases and other products is stronger than is the evidence for the illustrated seasonal patterns for motor gasoline.

In some cases, these seasonal patterns do not show a smooth transition from month to month. For example, the June factor for residual fuel oil is slightly less than the May and July values, making a bump in the curve. As there is little difference in the magnitude of these seasonal factors, it is possible that this variation is due to the small number of observations (7 years) and the data variability.

After seasonal factors are derived, the most recent 3-year period (from January through December) is deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard error of the deseasonalized 36 months is calculated adjusting for extreme data points. The width of the average range is twice the standard error.

The upper curve of the average range is defined as the average plus the seasonal factors plus the standard error. The lower curve is defined as the average plus the seasonal factors minus the standard error.

Note 7: Movements

Movements of crude oil between PAD Districts are reported on Form EIA-170, *Monthly Tanker and Barge Movement Report,* and on Form EIA-90, *Monthly Crude Oil Report.* Petroleum product movements are reported on Forms EIA-170 and EIA-88, *Monthly Product Pipeline Report.* Net receipts is the difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge. For survey descriptions and other detail, see Explanatory Note 1.1.

Note 8: Notes on Tables

Note 8.1: Crude Oil and Petroleum Products Overview statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Crude Oil and Petroleum Products Stock Withdrawal (+) or (-) Addition (-), Petroleum Products Supplied, Total Imports, Crude Oil Imports, Total Exports, and Crude Oil Exports appear as labeled in Table 3. Total Production and Crude Oil Production appear under Field Production in Table 3.

- Natural Gas Plant Production is the sum of Natural Gas Liquids and Finished Petroleum Products Field Production in Table 3.
- Petroleum Products Imports is the sum of Natural Gas Liquids and LRGs, Other Liquids, and Finished Petroleum Products Imports in Table 3.
- Total Crude Oil and Petroleum Products Ending Stocks appear in thousands of barrels in Table 2.

Note 8.2 Crude Oil Supply and Disposition statistics on the referenced line appear in Table 1 of the Detailed Statistics, except where noted.

- Total Domestic Field Production, Alaskan Field Production, SPR Imports, Other Imports (synonymous with Imports Gross Excl.SPR), SPR and Other Primary Stocks Withdrawal (+) or Addition (-), Unaccounted-For Crude Oil, Refinery Inputs, and Exports appear as labeled in Table 1.
- Crude Used Directly and Losses appear as labeled in Table 2.
- SPR Ending Stocks and Other Primary Ending Stocks (synonymous with stocks excluding SPR) appear in thousands of barrels in Table 1.
- Total Crude Oil Ending Stocks appear in thousands of barrels in Table 2.
- Total Imports appear in Table 3.

Note 8.3 Finished Motor Gasoline Supply and Disposition statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Additon (-), Exports, and Product Supplied appear as labeled in Table 3.
- Unleaded Percent of Total Product Supplied represents the ratio of finished unleaded motor gasoline product supplied to total finished motor gasoline product supplied, multiplied by 100 and rounded to the nearest tenth.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.4 Distillate and Residual Fuel Oil Supply and Disposition statistics on the referenced lines appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Addition (-), Exports, and Product Supplied appear as labeled in Table 3.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.5 Liquefied Petroleum Gases and Ethane Supply and Disposition statistics represent the aggregation of statistics on ethane, propane, butane, butane-propane mixtures, ethane-propane mixtures, and isobutane. The statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stocks Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product supplied appear as labeled in Table 3.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.6 Other Petroleum Products Supply and Disposition statistics represent the aggregation of statistics on natural gasoline, isopentane, unfractionated stream, plant condensate, other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, and liquefied petroleum gases and ethane. The statistics on the referenced line are aggregated from Table 3 of the Detailed Statistics, except where noted.

- Total Production is the aggregated sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied are aggregated from Table 3.
- Ending stocks are aggregated from ending stocks in thousands of barrels in Table 2.

Note 8.7 Table 1. U.S. Petroleum Balance

- Lines (1) through (3): Crude oil (including lease condensate) production for *Alaska, Lower 48 States, and Total U.S.* are calculated by calling the conservation agency in Alaska for Alaskan crude oil production during the month, determining crude oil production in the United States and taking the difference to equal production in the Lower 48 States.
- Line (5): *SPR Imports* are reported on Survey Form ERA-60.
- Line (12): *Total Other Sources* equals crude oil stock withdrawal (+) or addition (-) plus unaccounted-for crude oil minus crude oil used directly and losses in Table 2.
- Line (14): Natural gas plant liquids (NGPL) *Production* equals field production of natural gas liquids (NGL) plus field production of finished petroleum products in Table 2.
- Line (15): NGPL *Imports* equals the sum of the imports of natural gasoline and isopentane, unfractionated stream, and plant condensate imports in Table 2.
- Line (16): NGPL *Stock Withdrawal (+) or Addition (-)* is equal to the sum of stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate in Table 2.
- Line (17) equals the sum of lines (14), (15), and (16).
- Line (18): Unfinished oils and gasoline blending components *Stock Withdrawal (+) or Addition (-)* equals stock withdrawal (+) or addition (-) for other hydrocarbons and alcohol, unfinished oils, motor gasoline blending components, and aviation gasoline blending components.
- Line (20): *Other Hydrocarbons and Alcohol New Supply* equals the field production of same in Table 2.

- Line (21): *Refinery Processing Gain* is a balancing item equal to total refinery production minus total refinery input in Table 2.
- Line (23): *Total Other Liquids* equals the sum of lines (18) through (22).
- Line (24): *Total Production of Products* equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oil in Table 2.
- Line (25): *Gross Imports of Refined Products* equals imports of LPG plus imports of finished petroleum products in Table 2.
- Line (26): *Exports of Refined Products* equals exports of LPG plus exports of finished petroleum products in Table 2.
- Line (27): *Net Imports of Refined Products* equals the difference between lines (25) and (26).
- Line (28): *Total New Supply of Products* equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oil; plus imports of LPG and finished petroleum products; minus exports of LPG and finished petroleum products in Table 2.
- Line (29): *Refined Products Stocks Withdrawal (+) or Addition (-)* equals the sum of stock withdrawal (+) or addition (-) for LPG and finished petroleum products in Table 2.
- Line (30): *Total Petroleum Products Supplied for Domestic Use* equals total products supplied in Table 2.
- Lines (31) through (37) equal the respective products supplied in Table 2.
- Line (38): *Other Products Supplied* equals the sum of natural gasoline and isopentane, unfractionated stream, plant condensate, aviation gasoline, naptha <400 Deg. F. for petrochemical feedstock use, other oils >400 Deg. F. for petrochemical feedstock use, special naphthas, lubricants, waxes, coke, asphalt, road oil, still gas, and miscellaneous products supplied in Table 2.
- Line (40): *Total Product Supplied* is equal to total products supplied in Table 2.
- The sum of lines (39) and (40), stocks of *Crude Oil* and *Lease Condensate (Excluding SPR)* and stocks held by the *Strategic Petroleum Reserve*, equals ending stocks of crude oil in Table 2. SPR stocks are reported on Form EIA-90.
- Line (46): stocks of *Refined Products*, equals the sum of LPG and finished petroleum product stocks in Table 2.
- Line (39): *Total Reclassified* is a balancing item equal to the sum of unfinished oils, motor gasoline blending components, and aviation gasoline blending components products supplied in Table 2.

Note 9: Liquefied Petroleum Gases (LPG) Statistics

Note 9.1 LPG Study

During 1982, the EIA began a study of its LPG reporting systems with particular emphasis on flows among natural gas processing plants and fractionators. The study detected some discrepancies in the reporting of 1982 data that were corrected in time for inclusion in the 1982 final LPG production statistics.

A complete set of revised statistics for years before 1982 are not available. However, comparison between 1982 and 1981 surveys indicate that discrepancies discovered in 1982 reports also occurred in 1981 reporting and the most significant deficiencies are in the product categories ethane-propane mixtures (E-P Mix) and natural gasoline. From resubmitted data obtained for 1981, the EIA has been able to estimate the range of adjustment to production and product supplied for these products, as well as for Other LPG and LPG Total for 1981. These are shown in Table 1 below. E-P Mix production and product supplied were understated by 60 to 80 MB/D in the 1981 *Petroleum Supply Annual.* Other LPG production and product supplied was overstated by 10 to 20 MB/D. Consequently, Total LPG was understated by 50 to 60 MB/D. Offsetting this understatement was the overstatement of natural gasoline by 50 to 60 MB/D, so there is no change to the 1981 production or product supplied series for Total Natural Gas Plant Liquids (NGPL) or Total Petroleum Products Supplied.

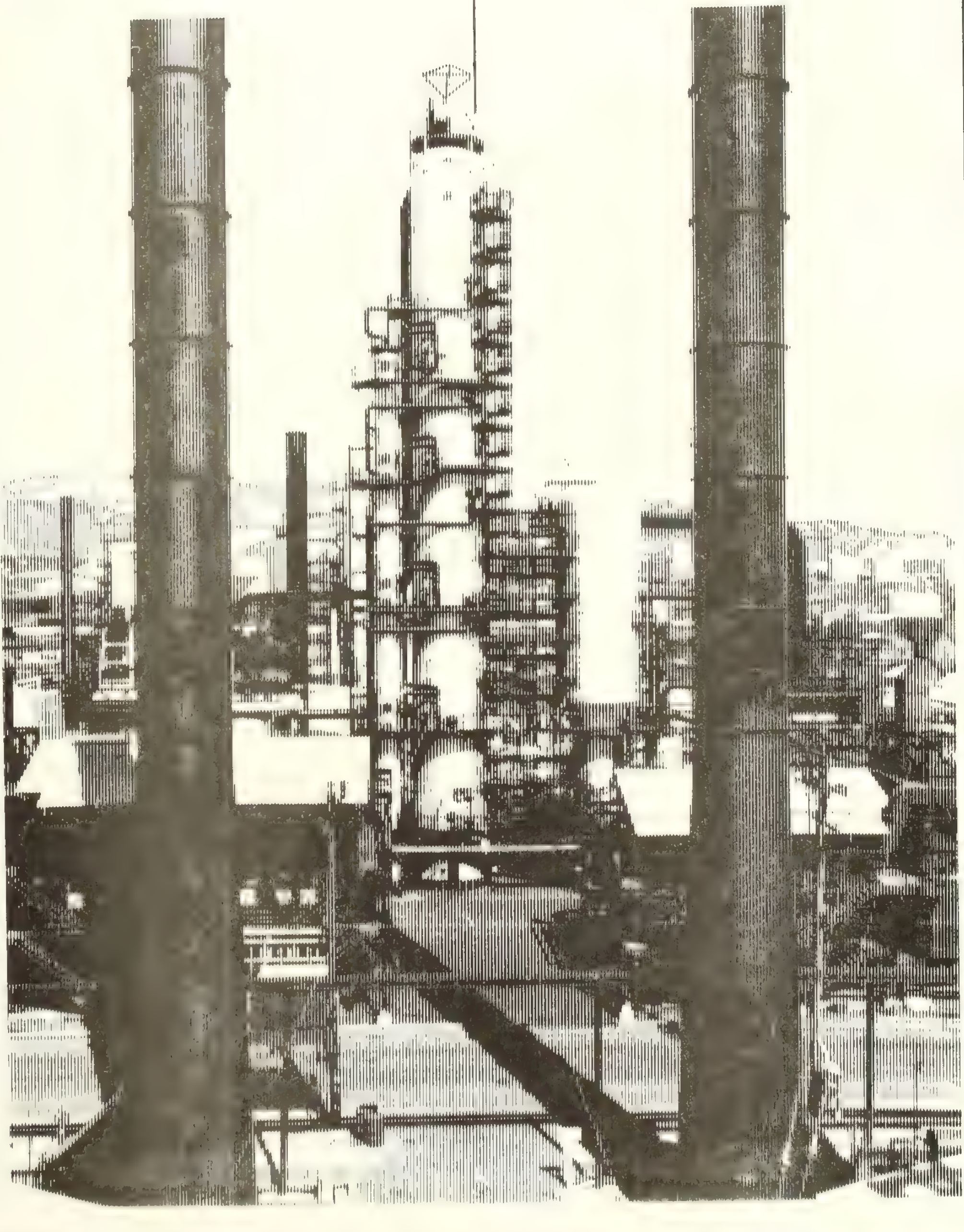
Table 1. Adjustments to Production and Product Supplied Figures Published in the 1981 *Petroleum Supply Annual*

Product Category	Production (MBD)	Product Supplied (MBD)
E-P Mix	+60 to 80	+60 to 80
Other LPG	-10 to 20	-10 to 20
Total LPG	+50 to 60	+50 to 60
Natural Gasoline	-50 to 60	-50 to 60
Total NGPL	0	0

9.2 Adjustments

The EIA adjusted natural gasoline, plant condensate and unfractionated stream production prior to the publication of this report. Product supplied for unfractionated stream is set equal to the shipments of this commodity to petrochemical plants, which are considered to be reported accurately. Product supplied for plant condensate is estimated to be about 2,000 barrels per month. Typically, the production of unfractionated stream and plant condensate reported to EIA are too low (by about 40 MB/D) and, if used, would result in an understatement of product supplied for these commodities. EIA believes that this understatement is the result of misreporting (misclassification) of natural gasoline production. Consequently, the production of unfractionated stream and plant condensate has been adjusted upward to correct for the understatement, and natural gasoline production has been adjusted downward by an equivalent amount.

ery Capacity



U.S. Refining Capacity: 1983

On January 1, 1983, there were 258 operable petroleum refineries in the United States reporting a combined operable crude distillation capacity of 16.9 million barrels per calendar day (MMB/CD), 17.9 million barrels per stream day (MMB/SD). This compares to 301 operating refineries on January 1, 1982 with a combined crude distillation capacity of 17.9 MMB/CD (19.0 MMB/SD).

Of the operable crude oil distillation capacity, 1.9 MMB/CD was idle. Most of this idle capacity (1.1 MMB/CD) was at facilities that were partially in operation. The remainder (0.8 MMB/CD) was at 25 refineries that were totally idle, but capable of being restarted within 30 days or under repairs that could be completed within 90 days.

The refinery shutdowns during 1982 were primarily the result of shifts in petroleum demand, economic factors and changes in governmental regulations. Total petroleum consumption decreased in 1982, but consumption of lighter products such as gasoline and jet fuels accounted for an increased share of the total. Smaller less-complex refineries which were unable to produce additional light products from less-expensive, heavy, high-sulfur crude oil were at an economic disadvantage. In addition, some refiners changed their marketing and distribution networks, in recognition of these changing conditions, and closed their least profitable facilities while expanding others to be able to produce more marketable products.

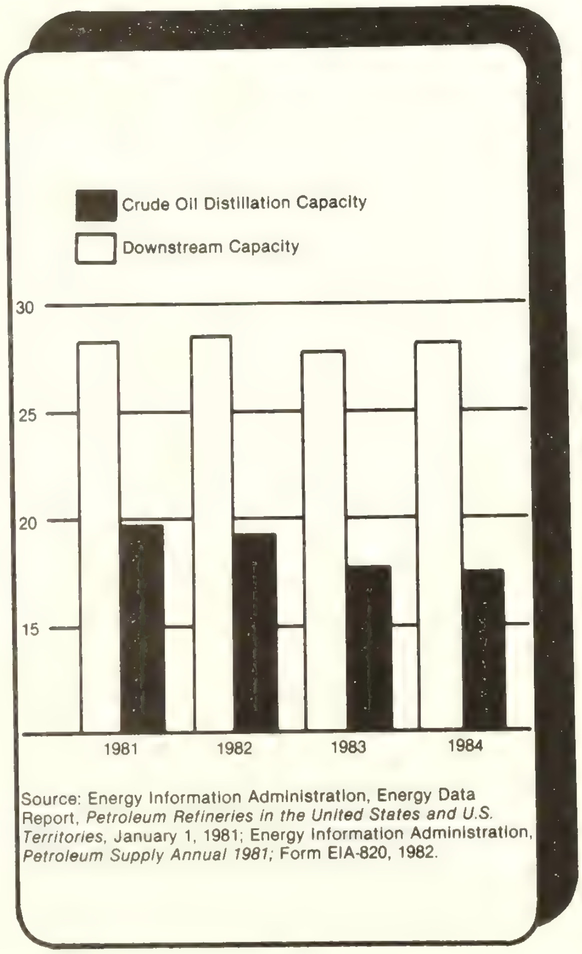
Downstream Facilities

The refineries which were shut down during 1982 had, in total, 1.1 MMB/SD of downstream processing capacity. New construction at existing refineries, the start-up of new refineries and refineries that resumed operations as of January 1, 1983 amounted to 0.6 MMB/SD and partially offset the loss in capacity at shutdown refineries. The net impact was that the nation's downstream capacity declined during 1982 by 0.5 MMB/SD. Most notable decreases were catalytic hydrotreating and catalytic cracking that accounted for 0.2 MMB/SD and 0.1 MMB/SD, respectively.

Storage Capacity

Shell and working storage capacity as of January 1, 1983 increased by 121 million barrels and 107 million barrels respectively, representing a 15 percent increase over that reported one year ago. However, only about 24 million barrels of these increases can be attributed to real growth. The remaining increases of 97 million barrels in shell storage and 83 million barrels in working storage are the result of adding gasoline blenders to the annual refinery survey frame in 1983, and a clarification of the requirement to report unfinished oils storage capacity.

Figure 1. Change in U.S. Refinery Capacity, 1981-1983 (Actual) and 1984 (Projected)
(Million Barrels per Day)



Source: Energy Information Administration, Energy Data Report, *Petroleum Refineries in the United States and U.S. Territories*, January 1, 1981; Energy Information Administration, *Petroleum Supply Annual 1981*; Form EIA-820, 1982.

Outlook for 1984

Respondents to the EIA's annual refinery survey project crude oil distillation capacity on January 1, 1984 will be 17.5 MMB/SD, a net decrease of 0.4 MMB/SD from the January 1, 1983, level. Most of this decrease is expected to result from the planned closing of seven refineries during 1983.[1]

Although the number of operable refineries is expected to continue to decrease, the shift toward more complex refining facilities begun several years ago is expected to continue. A number of refiners are upgrading downstream processing equipment to enable them to diversify product mixes and increase yields of lighter products.

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[1] See definitions with explanation of "calendar day" and "stream day."

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District, Refining District, and State as of January 1,

District and State	Number of Operable Refineries			Crude Capacity						Charge Capacity (Barrels Per Stream Day)						
				Barrels Per Calendar Day			Barrels Per Stream Day			Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycled)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating
	Total	Operating	Idle[1]	Total	Operating	Idle	Total	Operating	Idle							
East Coast	17	16	1	1,470,950	1,314,950	156,000	1,557,400	1,392,400	165,000	776,700	93,500	589,300	88,100	345,200	75,000	987,500
Delaware	1	1	0	140,000	140,000	0	150,000	150,000	0	90,700	44,000	62,000	15,000	42,000	20,000	110,000
Georgia	2	2	0	26,700	26,700	0	32,000	32,000	0	0	0	0	0	0	0	0
Maryland	1	1	0	14,200	14,200	0	15,000	15,000	0	14,300	0	0	0	0	0	0
New Jersey	6	5	1	570,100	414,100	156,000	604,900	439,900	165,000	319,700	34,500	262,000	45,000	107,500	0	405,000
New York East	1	1	0	41,850	41,850	0	45,000	45,000	0	27,000	0	0	0	0	0	0
North Carolina	1	1	0	3,000	3,000	0	3,500	3,500	0	0	0	0	0	0	0	0
Pennsylvania East	4	4	0	622,100	622,100	0	652,000	652,000	0	296,000	0	237,300	23,100	186,200	55,000	446,000
Virginia	1	1	0	53,000	53,000	0	55,000	55,000	0	29,000	15,000	28,000	5,000	9,500	0	26,500
Appalachian #1	10	8	2	174,256	110,056	64,200	181,275	115,000	66,275	77,180	0	40,000	200	39,850	4,440	65,000
New York West	1	0	1	64,000	0	64,000	66,000	0	66,000	28,000	0	22,000	0	11,000	0	26,200
Pennsylvania West	7	6	1	96,241	96,041	200	100,275	100,000	275	40,180	0	18,000	200	25,300	0	38,800
West Virginia	2	2	0	14,015	14,015	0	15,000	15,000	0	9,000	0	0	0	3,550	4,440	0
PAD District I Total	**27**	**24**	**3**	**1,645,206**	**1,425,006**	**220,200**	**1,738,675**	**1,507,400**	**231,275**	**853,880**	**93,500**	**629,300**	**88,300**	**385,050**	**79,440**	**1,052,500**
Appalachian #2	1	1	0	66,000	66,000	0	68,000	68,000	0	35,000	0	26,000	0	20,000	0	51,500
Ind., Ill., Ky.	29	26	3	2,342,200	2,150,950	191,250	2,478,400	2,276,600	201,800	919,800	153,300	857,700	72,200	675,400	127,500	1,160,900
Illinois	8	8	0	998,500	893,500	105,000	1,056,200	945,200	111,000	381,300	103,300	374,000	17,400	310,400	66,500	570,800
Indiana	6	5	1	462,200	461,200	1,000	497,600	495,600	2,000	247,000	20,000	176,500	7,700	113,000	0	247,200
Kentucky	5	4	1	247,700	222,850	24,850	256,800	230,800	26,000	100,500	2,600	71,500	0	49,000	0	150,200
Michigan	4	4	0	114,200	114,200	0	124,800	124,800	0	26,000	0	45,000	1,300	33,000	0	22,700
Ohio West	5	4	1	470,100	409,700	60,400	493,000	430,200	62,800	153,000	27,400	160,700	33,800	160,700	61,000	140,500
Tennessee	1	1	0	49,500	49,500	0	50,000	50,000	0	12,000	0	30,000	12,000	9,300	0	29,500
Minn., Wisc., Daks.	4	4	0	295,143	295,143	0	304,220	304,220	0	127,000	24,000	110,500	7,200	65,300	0	196,800
Minnesota	2	2	0	200,143	200,143	0	206,220	206,220	0	112,000	24,000	75,000	1,000	45,500	0	164,500
North Dakota	1	1	0	56,000	56,000	0	58,000	58,000	0	0	0	26,000	5,200	10,000	0	15,000
Wisconsin	1	1	0	39,000	39,000	0	40,000	40,000	0	15,000	0	9,500	1,000	9,800	0	17,300
Okla., Kansas., Mo.	19	17	2	853,509	761,309	92,200	898,233	801,673	96,560	291,860	99,100	331,500	22,550	219,350	8,190	265,400
Kansas	8	7	1	371,209	326,009	45,200	393,333	345,373	47,960	120,660	50,600	149,700	13,300	108,700	3,190	135,600
Oklahoma	11	10	1	482,300	435,300	47,000	504,900	456,300	48,600	171,200	48,500	181,800	9,250	110,650	5,000	129,800
PAD District II Total	**53**	**48**	**5**	**3,556,852**	**3,273,402**	**283,450**	**3,748,853**	**3,450,493**	**298,360**	**1,373,660**	**276,400**	**1,325,700**	**101,950**	**980,050**	**135,690**	**1,674,600**
Texas Inland	21	20	1	610,184	609,000	1,184	647,974	645,574	2,400	170,475	24,800	220,700	25,900	151,400	0	271,400
Texas Gulf Coast	29	23	6	4,085,144	3,417,724	667,420	4,340,660	3,609,094	731,566	1,748,000	320,700	1,340,500	134,700	987,215	132,000	2,555,250
Louisiana Gulf Coast	25	22	3	2,876,556	2,453,500	423,056	3,002,100	2,562,933	439,167	1,185,500	427,700	934,900	48,300	564,300	138,700	1,062,500
Alabama Gulf	3	3	0	131,600	131,600	0	136,300	136,300	0	30,000	0	0	0	25,500	0	58,000
Louisiana Gulf	21	18	3	2,464,956	2,041,900	423,056	2,565,800	2,126,633	439,167	1,007,500	427,700	878,900	46,300	448,800	70,700	948,500
Mississippi Gulf	1	1	0	280,000	280,000	0	300,000	300,000	0	148,000	0	56,000	2,000	90,000	68,000	56,000
North La., Ark.	18	15	3	294,480	207,000	87,480	316,825	222,539	94,286	117,933	17,000	35,500	775	41,280	0	75,200
Alabama Inland	3	2	1	48,500	37,500	11,000	52,500	40,500	12,000	21,000	10,000	0	0	6,000	0	20,500
Arkansas	4	4	0	65,480	53,000	12,480	67,200	54,300	12,900	30,020	0	17,500	775	9,000	0	18,000
Louisiana Inland	6	6	0	106,200	73,500	32,700	117,566	82,239	35,327	28,038	0	0	0	20,480	0	26,400
Mississippi Inland	5	3	2	74,300	43,000	31,300	79,559	45,500	34,059	38,875	7,000	18,000	0	5,800	0	10,300
New Mexico	5	5	0	104,150	104,150	0	110,522	110,522	0	21,900	0	26,700	5,850	17,000	0	39,000
PAD District III Total	**98**	**85**	**13**	**7,970,514**	**6,791,374**	**1,179,140**	**8,418,081**	**7,150,662**	**1,267,419**	**3,243,808**	**790,200**	**2,558,300**	**215,525**	**1,761,195**	**270,700**	**4,003,350**
Colorado	3	3	0	71,600	71,600	0	92,400	92,400	0	37,000	4,500	23,000	1,000	19,500	0	38,700
Montana	6	6	0	151,550	143,750	7,800	155,950	147,950	8,000	41,000	9,200	52,100	6,500	41,100	4,900	121,700
Utah	8	6	2	168,000	154,000	14,000	176,900	161,500	15,400	42,500	8,500	54,800	10,600	25,500	0	35,600
Wyoming	7	6	1	169,555	168,055	1,500	192,700	190,700	2,000	74,510	9,300	60,500	14,500	31,150	0	44,800
PAD District IV Total	**24**	**21**	**3**	**560,705**	**537,405**	**23,300**	**617,950**	**592,550**	**25,400**	**195,010**	**31,500**	**190,400**	**32,600**	**117,250**	**4,900**	**240,800**

See footnotes at end of table

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District, Refining District, and State as of January 1, 1983 (continued)

District and State	Number of Operable Refineries			Crude Capacity						Charge Capacity (Barrels Per Stream Day)						
				Barrels Per Calendar Day			Barrels Per Stream Day			Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycled)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating
	Total	Operating	Idle[1]	Total	Operating	Idle	Total	Operating	Idle							
Alaska	4	4	0	135,500	135,500	0	142,389	142,389	0	0	0	0	0	12,000	7,500	0
Arizona	1	1	0	6,000	6,000	0	7,000	7,000	0	0	0	0	0	0	0	0
California	41	40	1	2,512,590	2,319,990	192,600	2,704,146	2,487,246	216,900	1,298,700	481,800	585,200	26,850	551,930	338,900	1,183,172
Hawaii	1	1	0	48,000	48,000	0	50,000	50,000	0	28,000	0	22,000	0	0	0	3,500
Nevada	1	1	0	4,500	4,500	0	4,700	4,700	0	2,500	0	0	0	0	0	0
Oregon	1	1	0	15,000	15,000	0	16,000	16,000	0	16,000	0	0	0	0	0	0
Washington	7	7	0	404,470	404,470	0	422,900	422,900	0	168,700	42,000	91,500	23,000	110,200	46,000	196,500
PAD District V Total	**56**	**55**	**1**	**3,126,060**	**2,933,460**	**192,600**	**3,347,135**	**3,130,235**	**216,900**	**1,513,900**	**523,800**	**698,700**	**49,850**	**674,130**	**392,400**	**1,383,172**
United States Total	**258**	**233**	**25**	**16,859,337**	**14,960,647**	**1,898,690**	**17,870,694**	**15,831,340**	**2,039,354**	**7,180,258**	**1,715,400**	**5,402,400**	**488,225**	**3,917,675**	**883,130**	**8,354,422**
Guam	1	1	0	43,900	43,900	0	47,160	47,160	0	1,400	0	0	0	0	0	0
Hawaiian Foreign Trade Zone	1	1	0	60,000	60,000	0	67,900	67,900	0	30,000	0	0	0	13,000	12,000	13,000
Virgin Islands	1	1	0	515,000	515,000	0	545,000	545,000	0	190,000	40,000	0	0	125,000	0	420,000
Puerto Rico	4	3	1	244,495	109,500	134,995	273,000	117,000	156,000	131,000	20,280	52,000	4,000	13,900	15,000	161,600

[1] Refineries where distillation units are completely idle but not permanently shutdown on January 1, 1983

Source: Form EIA-820 (Formerly EIA-177)

(Barrels per Stream Day, Except Where Noted)

District and State	Production Capacity					
	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
East Coast	67,800	148,200	33,672	28,900	115	15,051
Delaware	8,000	0	3,372	0	70	6,401
Georgia	0	20,000	0	0	0	0
Maryland	0	11,300	0	0	0	0
New Jersey	18,800	91,800	25,000	10,900	0	4,900
New York: East	0	100	0	0	0	0
North Carolina	0	0	0	0	0	0
Pennsylvania: East	41,000	25,000	5,300	18,000	45	0
Virginia	0	0	0	0	0	3,750
Appalachian #1	4,500	9,500	6,200	16,632	5	0
New York: West	2,000	5,500	6,200	0	0	0
Pennsylvania: West	2,500	4,000	0	11,350	4	0
West Virginia	0	0	0	5,282	1	0
PAD District I Total	**72,300**	**157,700**	**39,872**	**45,532**	**120**	**15,051**
Appalachian #2	7,000	5,500	0	0	0	0
Ind., Ill., Ky.	168,400	141,960	50,000	23,600	117	40,700
Illinois	89,200	35,550	3,500	6,400	25	25,650
Indiana	27,900	49,760	15,500	6,400	0	8,200
Kentucky	16,000	28,500	22,500	7,900	20	0
Michigan	7,500	8,650	0	0	0	0
Ohio: West	24,300	16,000	8,500	2,900	72	6,850
Tennessee	3,500	3,500	0	0	0	0
Minn., Wisc., Daks.	18,800	57,000	11,500	0	14	6,500
Minnesota	14,400	49,000	7,500	0	14	6,500
North Dakota	2,800	0	4,000	0	0	0
Wisconsin	1,600	8,000	0	0	0	0
Okla., Kans., Mo.	82,970	30,723	23,045	12,300	9	18,094
Kansas	39,100	17,600	8,245	2,500	0	8,894
Oklahoma	43,870	13,123	14,800	9,800	9	9,200
PAD District II Total	**277,170**	**235,183**	**84,545**	**35,900**	**140**	**65,294**
Texas Inland	57,500	23,425	41,950	840	70	2,680
Texas Gulf Coast	197,800	30,600	196,075	94,800	335	50,585
Louisiana Gulf Coast	181,200	82,400	44,800	24,400	182	52,550
Alabama:Gulf	0	6,000	0	0	0	0
Louisiana:Gulf	172,000	65,900	38,800	24,400	73	38,050
Mississippi:Gulf	9,200	10,500	6,000	0	109	14,500

Table 2. Production Capacity of Operable Petroleum Refineries by PAD District, Refining District, and State as of January 1, 1983 (continued)
(Barrels per Stream Day, Except Where Noted)

District and State	Production Capacity					
	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
North La., Ark.	7,900	42,890	5,000	15,964	374	3,250
Alabama:Inland	0	15,000	0	0	80	2,000
Arkansas	4,400	11,580	0	4,970	288	0
Louisiana:Inland	0	1,375	5,000	10,994	6	0
Mississippi:Inland	3,500	14,935	0	0	0	1,250
New Mexico	2,900	3,100	0	0	0	0
PAD District III Total	**447,300**	**182,415**	**287,825**	**136,004**	**961**	**109,065**
Colorado	0	3,300	0	0	1	900
Montana	10,980	14,600	4,250	0	19	2,000
Utah	11,150	1,700	3,750	0	0	1,750
Wyoming	8,450	13,050	1,500	1,830	0	2,700
PAD District IV Total	**30,580**	**32,650**	**9,500**	**1,830**	**20**	**7,350**
Alaska	0	6,000	0	0	0	0
Arizona	0	1,030	0	0	0	0
California	103,600	81,958	23,200	21,792	924	88,520
Hawaii	4,500	1,300	1,500	0	3	0
Oregon	0	11,500	0	0	0	0
Washington	24,600	11,900	2,600	0	130	10,500
PAD District V Total	**132,700**	**113,688**	**27,300**	**21,792**	**1,057**	**99,020**
United States Total	**960,050**	**721,636**	**449,042**	**241,058**	**2,298**	**295,780**
Guam	0	350	0	0	0	0
Hawaiian Foreign Trade Zone	0	0	0	0	17	0
Virgin Islands	0	0	45,000	0	0	0
Puerto Rico	4,500	1,000	28,700	6,900	18	0

Source: Form EIA-820 (Formerly EIA-177).

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distil-lation	Thermal Opera-tion	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydro-cracking	Catalytic Hydro-treating	Alkylation	Asphalt	Aromatics/ Isomeri-zation	Lubri-cating Oils	Hydrogen (MMCFD)	Petro-leum Coke
	Operating	Idle	Operating	Idle													
Alabama: Gulf																	
Louisiana Land & Exploration Co - Mobile	80,000	0	81,300	0	20,000	0	0	0	[1]21,000	0	[2]12,000 [3]21,000 [4]15,000 [5]5,000 [6]5,000	0	0	0	0	0	0
Marion Corp - Theodore	25,000	0	27,000	0	0	0	0	0	[1]4,500	0		0	0	0	0	0	0
Mobile Bay Refining Co. - Chickasaw	26,600	0	28,000	0	10,000	0	0	0	0	0	0	0	6,000	0	0	0	0
Total	131,600	0	136,300	0	30,000	0	0	0	25,500	0	58,000	0	6,000	0	0	0	0
Alabama: Inland																	
Hunt Oil Co - Tuscaloosa	33,500	0	35,000	0	14,000	[7]10,000	0	0	[1]6,000	0	[8]7,500 [2]4,000 [5]9,000	0	9,500	0	0	80	2,000
Vulcan Refining Co (Formerly Coral Petroleum Inc.) - Tuscaloosa	0	9,500	0	10,000	5,000	0	0	0	0	0	0	0	2,500	0	0	0	0
Warrior Asphalt Co of Alabama Inc - Holt	4,000	1,500	5,500	2,000	2,000	0	0	0	0	0	0	0	3,000	0	0	0	0
Total	37,500	11,000	40,500	12,000	21,000	10,000	0	0	6,000	0	20,500	0	15,000	0	0	80	2,000
Alaska																	
Atlantic Richfield Co. - North Slope	20,000	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc - Kenai	22,000	0	22,500	0	0	0	0	0	0	0	0	0	6,000	0	0	0	0
North Pole Refining Co. (Formerly Earth Resources Co.) - North Pole	45,000	0	46,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tesoro Petroleum Corp. (Formerly Tesoro-Alaskan Petroleum Corp.) - Kenai	48,500	0	53,889	0	0	0	0	0	[1]12,000	7,500	0	0	0	0	0	0	0
Total	135,500	0	142,389	0	0	0	0	0	12,000	7,500	0	0	6,000	0	0	0	0
Arizona																	
Arizona Fuel Corp. - Fredonia	6,000	0	7,000	0	0	0	0	0	0	0	0	0	1,030	0	0	0	0
Arkansas																	
Cross Oil & Refining Co. (Formerly Cross Oil & Refining Co. of Arkansas) - Smackover	6,700	2,700	7,000	2,800	3,300	0	0	0	0	0	[6]2,500	0	1,900	0	2,680	288	0
Crystal Oil Co. (Formerly Berry Petroleum Co) - Stephens	3,200	0	3,300	0	1,200	0	0	0	0	0	0	0	800	0	0	0	0
MacMillan Ring-Free Oil Co Inc. - Norphlet	4,600	1,280	4,700	1,400	3,520	0	0	0	0	0	0	0	1,880	0	2,290	0	0
Tosco Corp. - El Dorado	38,500	8,500	39,300	8,700	22,000	0	17,500	775	[1]9,000	0	[2]5,500 [3]10,000	4,400	7,000	0	0	0	0
Total	53,000	12,480	54,300	12,900	30,020	0	17,500	775	9,000	0	18,000	4,400	11,580	0	4,970	288	0

See footnotes at end of table

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day														
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
California																	
Anchor Refining Co. Inc. - McKittrick	0	9,000	0	10,000	7,000	0	0	0	0	0	0	0	0	0	0	0	0
Atlantic Richfield Co. - Carson	178,000	27,000	185,000	28,000	96,000	[7]46,000	58,000	0	[1]38,000	19,000	[2]23,500 [3]38,000 [6]16,500	7,200	0	2,500 [9]12,500	0	50	10,800
Beacon Oil Co. (Formerly American Ultramar Ltd.) - Hanford	17,300	0	18,646	0	0	[10]350 [11]2,750	0	0	[1]3,630	0	[8]5,000	0	0	0	0	0	0
Champlin Petroleum Co. - Wilmington	60,000	0	62,600	0	30,000	[7]23,600	30,000	0	[1]12,000	0	[4]36,000	8,600	0	0	0	0	5,500
Chevron U.S.A. Inc. - Bakersfield	26,000	0	27,500	0	0	[10]9,800	0	0	[1]6,000	0	0	0	0	0	0	0	0
- El Segundo	390,000	15,000	417,000	18,000	179,000	[7]54,000	63,000	0	[1]60,000	49,000	[8]11,000 [2]14,000 [3]45,000 [5]24,000 [4]60,000 [6]18,000	8,000	0	1,500	0	162	14,500
-Richmond	294,000	71,000	325,000	82,000	226,000	0	63,000	0	[1]84,000	75,000	[2]65,000 [3]82,000 [4]60,000	9,200	11,000	2,000 [12]2,000	10,000	135	0
Conoco Inc. - Santa Maria	9,500	0	10,000	0	7,800	0	0	0	0	0	0	0	6,800	0	0	0	0
Demenno-Kerdoon - Compton	E10,000	0	E15,000	0	E2,000	0	0	0	0	0	0	0	0	0	0	0	0
ECO Petroleum Inc. - Long Beach	0	0	0	0	11,000	0	0	0	0	0	0	0	4,550	0	0	0	0
Edgington Oil Co. Inc. - Long Beach	41,600	0	44,700	0	21,600	0	0	0	0	0	0	0	15,000	0	0	0	0
Exxon Co. U.S.A. -Benicia	106,000	0	112,000	0	56,000	[13]26,000	50,000	11,000	[14]26,000	27,500	[8]17,000 [2]25,000 [3]22,500 [4]26,500 [6]11,500	11,500	0	0	0	104	5,000
Fletcher Oil & Refining Co. - Carson	29,500	0	31,700	0	0	0	7,700	850	[1]4,200	0	[4]10,000	0	0	0	0	0	0
Getty Refining & Marketing Co. - Bakersfield	38,000	19,600	42,000	20,700	22,000	0	0	0	[1]8,600	0	[3]8,600 [4]18,000	0	0	0	0	0	0
Golden Eagle Refining Co. Inc. - Carson	16,170	0	16,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gulf Oil Corp. - Santa Fe Springs	51,500	0	53,800	0	25,000	[11]13,800	13,500	0	[1]19,000	11,000	[3]12,000	3,000	1,000	0	0	11	0
Huntway Refining Co. of Northern California - Van Nuys	6,750	0	7,500	0	0	0	0	0	0	0	[8]645 [2]1,500 [5]2,782 [6]65	0	2,508	0	0	0	0
Huntway Refining Co. - Wilmington	4,750	0	5,000	0	0	0	0	0	0	0	[8]550 [2]1,000 [5]600 [6]50	0	2,800	0	0	0	0
Independent Valley Energy Co. - Bakersfield	27,000	0	30,000	0	23,500	[7]12,000	0	0	0	0	0	0	0	0	0	0	2,850
Kern Oil & Refinery Co. (Formerly Kern County Refinery Inc.) - Bakersfield	21,400	0	23,000	0	0	[6]7,000	0	0	[1]3,000	0	[3]3,000	0	0	0	0	0	0

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner State Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
California (continued)																	
Lunday-Thagard Oil Co - South Gate	3 700	0	4,000	0	3,000	0	0	0	0	0	0	0	2,500	0	0	0	0
MacMillan Ring-Free Oil Co Inc - Long Beach	11,000	0	12,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marlex Oil & Refining Inc - Long Beach	21,100	0	22,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobil Oil Corp - Torrance	123,500	0	130,000	0	95,000	[7]47,000	61,000	0	[1]36,000	21,700	[8]15,000 [2]28,000 [3]21,000	12,300	0	0	0	62	14,500
Newhall Refining Co Inc - Newhall	21,400	0	23,000	0	8,000	0	0	0	[1]2,500	0	[2]5,000 [3]2,500	0	4,000	0	0	0	0
Oxnard Refinery - Oxnard	4,000	0	5,000	0	0	0	0	0	0	0	0	0	2,500	0	0	0	0
Pacific Oasis Corp (Formerly Conoco Inc) - Paramount	26,000	14,500	32,000	20,500	15,500	0	0	0	[1]11,500	0	[2]7,000 [3]11,500 [5]10,000	0	8,400	0	0	0	0
Pacific Refining Co. Inc - Hercules	85,000	0	87,500	0	18,000	0	0	0	[1]18,000	3,000	0	0	0	0	0	0	0
Powerine Oil Co. - Santa Fe Springs	44,120	0	46,000	0	23,000	[7]10,000	12,000	0	[1]8,000	7,700	[8]8,000 [3]8,000 [4]11,000	2,300	2,000	0	0	0	0
San Joaquin Refining Co. - Bakersfield	10,000	0	20,000	0	0	0	0	0	0	0	0	0	5,000	0	0	0	0
Shell Oil Co. - Martinez	91,400	0	94,000	0	60,300	[13]22,000	60,000	0	[14]25,000	20,000	[8]17,000 [2]16,000 [6]74,800	8,000	11,000	0	4,500	96	20
- Wilmington	93,000	0	96,000	0	60,000	[7]50,000	35,000	0	[1]24,000	0	[8]27,000 [2]17,000 [6]49,000	8,600	0	[12]2,700	0	36	12,500
Sunland Refining Corp. - Bakersfield	12,000	0	17,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texaco Inc. - Wilmington	60,000	15,000	62,700	15,700	42,000	[7]48,000	28,000	8,000	[1]35,000	20,000	[3]25,000	4,400	0	0	0	48	8,250
Tosco Corp. - Avon	126,000	0	132,600	0	81,000	[13]37,000	47,000	0	[1]27,000	20,000	[8]24,500 [3]10,000	10,500	0	0	0	70	6,000
- Bakersfield	38,800	0	40,000	0	23,500	[13]7,000	12,000	0	[1]16,500	14,000	[3]7,000	2,000	0	0	0	20	1,250
Union Oil Co. of California																	
- Arroyo Grande	41,000	0	43,300	0	32,000	[7]27,000	0	0	0	0	0	0	0	0	0	0	6,500
- Rodeo	70,000	0	74,000	0	38,500	[7]18,500	0	0	[1]28,000	30,000	[2]9,000 [3]21,000 [6]14,000	0	0	0	4,400	70	850
- Wilmington	86,500	21,500	89,000	22,000	83,000	[11]20,000	45,000	7,000	[1]49,000	21,000	[2]33,000 [3]52,000	8,000	0	0	0	49	0
U.S.A. Petrochem Corp. - Ventura	24,000	0	30,000	0	0	0	0	0	[1]7,000	0	0	0	0	0	0	11	0
Witco Chemical Corp. - Oildale	0	0	0	0	9,000	0	0	0	0	0	[2]580	0	2,900	0	2,892	0	0
Total	2,319,990	192,600	2,487,246	216,900	1,298,700	481,800	585,200	26,850	551,930	338,900	1,183,172	103,600	81,958	23,200	21,792	924	88,520
Colorado																	
Asamera Oil (U.S.) Inc. - Commerce City	26,000	0	44,900	0	20,000	0	8,000	0	[1]10,000	0	[8]10,000 [3]10,000	0	0	0	0	0	0
Conoco Inc. - Commerce City	32,500	0	33,500	0	7,000	0	15,000	1,000	[1]7,000	0	[3]7,000 [6]8,500	0	3,300	0	0	0	0

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day														
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
Colorado (continued)																	
Gary Western Co. (Formerly Gary Refining Co.) - Fruita	13,100	0	14,000	0	10,000	[7]4,500	0	0	[1]2,500	0	[3]3,200	0	0	0	0	1	900
Total	71,600	0	92,400	0	37,000	4,500	23,000	1,000	19,500	0	38,700	0	3,300	0	0	1	900
Delaware																	
Getty Refining & Marketing Co. - Delaware City	140,000	0	150,000	0	90,700	[13]44,000	62,000	15,000	[1]42,000	20,000	[8]10,000 [2]55,000 [3]45,000	8,000	0	3,372	0	70	6,401
Georgia																	
Amoco Oil Co. - Savannah	24,000	0	27,000	0	0	0	0	0	0	0	0	0	20,000	0	0	0	0
Young Refining Corp. - Douglasville	2,700	0	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26,700	0	32,000	0	0	0	0	0	0	0	0	0	20,000	0	0	0	0
Hawaii																	
Chevron U.S.A. Inc. - Honolulu	48,000	0	50,000	0	28,000	0	22,000	0	0	0	[6]3,500	4,500	1,300	[12]1,500	0	3	0
Illinois																	
Clark Oil & Refining Corp. - Blue Island	57,000	0	60,000	0	27,000	0	25,000	1,000	[1]30,500	11,000	[3]20,500	6,000	3,000	0	0	0	0
- Hartford	47,500	0	50,000	0	18,000	[7]12,500	27,000	1,000	[1]12,000	0	[2]10,000 [3]12,000	8,000	0	0	0	0	3,750
Marathon Oil Co. - Robinson	120,000	75,000	125,000	80,000	62,000	[11]2,800 [7]24,000	38,000	400	[14]12,400 [1]65,000	22,000	[2]6,000 [3]52,000	7,600	0	0	0	25	6,000
Mobil Oil Corp. - Joliet	180,000	0	200,000	0	88,000	[7]33,000	98,000	0	[1]46,000	0	[8]9,000 [2]75,000 [3]72,000	24,000	0	0	0	0	10,400
Moreco Energy Inc. - McCook	1,000	0	1,200	0	800	0	0	0	0	0	0	0	150	0	800	0	0
Shell Oil Co. - Wood River	283,000	0	295,000	0	105,500	0	94,000	0	[14]68,000 [1]22,000	33,500	[8]64,000 [2]52,500 [6]69,000	22,000	28,500	0	5,600	0	0
Texaco Inc. - Lawrenceville	54,000	30,000	57,000	31,000	25,000	[10]9,000	34,000	10,000	[1]24,000	0	[2]5,000 [3]24,000 [6]12,000	6,600	2,700	0	0	0	0
Union Oil Co. of California - Lemont	151,000	0	157,000	0	55,000	[7]22,000	58,000	5,000	[1]30,500	0	[8]4,000 [2]38,000 [3]44,000 [6]1,800	15,000	1,200	3,500	0	0	5,500
Total	893,500	105,000	945,200	111,000	381,300	103,300	374,000	17,400	310,400	66,500	570,800	89,200	35,550	3,500	6,400	25	25,650
Indiana																	
Amoco Oil Co. - Whiting	376,000	0	400,000	0	225,000	[7]20,000	150,000	7,000	[14]99,000	0	[2]53,000 [3]115,000 [5]18,000 [4]35,000 [6]5,200	22,000	40,000	13,000 [12]2,500	6,400	0	8,200

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day														
	Operating	Idle	Operating	Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
Indiana (continued)																	
Gladieux Refinery Inc. - Fort Wayne	12,900	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana Farm Bureau Cooperative Association - Mount Vernon	21,200	0	22,100	0	7,000	0	7,000	200	[1]4,000	0	0	1,700	2,200	0	0	0	0
Kentucky Oil & Refining Co. - Troy	0	1,000	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Laketon Refining Corp. (Formerly Laketon Asphalt Refining Co.) - Laketon	7,900	0	8,500	0	0	0	0	0	0	0	0	0	2,760	0	0	0	0
Rock Island Refining Corp. - Indianapolis	43,200	0	45,000	0	15,000	0	19,500	500	[1]10,000	0	[8]16,000 [6]5,000	4,200	4,800	0	0	0	0
Total	461,200	1,000	495,600	2,000	247,000	20,000	176,500	7,700	113,000	0	247,200	27,900	49,760	15,500	6,400	0	8,200
Kansas																	
Derby Refining Co. - North Wichita	27,982	0	29,450	0	9,860	[7]5,000	11,200	2,000	[1]6,500	0	[3]6,500	2,800	0	0	0	0	1,000
Farmland Industries Inc (Formerly CRA Inc.) - Coffeyville	56,500	0	60,723	0	19,500	[7]13,000	23,000	1,500	[1]16,000	0	[2]5,000 [3]19,800	6,000	0	0	2,500	0	3,000
- Phillipsburg	0	26,400	0	27,460	10,000	0	8,500	800	[1]5,300	0	[3]7,500	2,300	2,000	0	0	0	0
Getty Refining & Marketing Co. - El Dorado	80,577	0	82,000	0	27,000	[7]11,500	32,000	4,000	[1]25,000	0	[3]28,000 [4]40,000	10,000	0	1,445	0	0	2,769
Mobil Oil Corp. - Augusta	31,200	18,800	34,000	20,500	20,300	[10]4,100	22,100	2,000	[14]10,400 [1]12,500	0	[3]12,500	3,400	8,000	0	0	0	0
National Cooperative Refinery Association - McPherson	54,000	0	57,000	0	18,000	[7]17,000	20,000	1,000	[1]11,000	0	[3]11,000	6,000	0	[12]2,000 [9]4,800	0	0	2,125
Pester Refining Co - El Dorado	33,250	0	35,000	0	10,000	0	14,900	2,000	[1]5,700	0	[3]5,300	3,100	4,800	0	0	0	0
Total Petroleum Inc. - Arkansas City	42,500	0	47,200	0	6,000	0	18,000	0	[1]16,300	3,190	0	5,500	2,800	0	0	0	0
Total	326,009	45,200	345,373	47,960	120,660	50,600	149,700	13,300	108,700	3,190	135,600	39,100	17,600	8,245	2,500	0	8,894
Kentucky																	
Ashland Oil Inc. - Catlettsburg	189,150	24,250	195,000	25,000	87,500	[6]2,600	62,000	0	[1]45,500	0	[2]40,000 [3]45,500 [4]40,000 [6]21,000	16,000	25,000	5,500 [12]5,000 [9]12,000	7,900	20	0
- Louisville	25,200	0	26,000	0	13,000	0	9,500	0	[1]2,500	0	[3]2,500	0	3,500	0	0	0	0
B-T Energy Corp. - Louisville	3,000	0	3,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky Oil & Refining Co. - Betsy Lane	0	600	0	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Somerset Refinery Inc. - Somerset	5,500	0	6,300	0	0	0	0	0	[14]1,000	0	[3]1,200	0	0	0	0	0	0
Total	222,850	24,850	230,800	26,000	100,500	2,600	71,500	0	49,000	0	150,200	16,000	28,500	22,500	7,900	20	0

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distil-lation	Thermal Opera-tion	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydro-cracking	Catalytic Hydro-treating	Alkylation	Asphalt	Aromatics/ Isomeri-zation	Lubri-cating Oils	Hydrogen (MMCFD)	Petro-leum Coke
	Operating	Idle	Operating	Idle													
Louisiana: Gulf																	
Canal Refining Co. - Church Point	8,000	0	8,800	0	0	0	0	0	[14]1,600	0	0	0	0	0	0	0	0
Celeron Oil & Gas Co. (Formerly Slapco) - Mermentau	11,000	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cities Service Co. - Lake Charles	297,000	23,000	305,000	25,000	83,000	[7]28,000	150,000	0	[14]45.000 [1]46,000	0	[2]14,000 [3]91,000 [6]40,000	33,000	0	2,300	7,000	0	5,000
Clark Oil & Refining Corp. (Formerly Mt. Airy Refining Co.) - Mt. Airy	0	0	0	0	10,000	[11]11,000	0	0	0	0	0	0	0	0	0	0	0
Conoco Inc. - Egan	1,500	5,000	1,833	9,167	0	0	0	0	0	0	0	0	0	0	0	0	0
- West Lake	156,500	0	164,000	0	39,000	[10]7,000 [7]10,500	30,600	0	[1]21,000	0	[2]45,000 [3]20,000	4,500	0	0	0	0	3,750
CPI Oil & Refining Inc. - Lake Charles	14,000	0	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exxon Co. U.S.A. - Baton Rouge	419,000	36,000	436,000	38,000	205,000	[7]76,000	155,000	0	[1]95,000	24,000	[8]2,500 [2]55,000 [3]95,000 [6]19,000	29,800	28,900	0	17,400	0	19,250
GHR Energy Corp. - Good Hope	0	300,000	0	300,000	200,000	[11]120,000	110,000	0	[14]3,000	0	0	12,000	0	0	0	0	0
Gulf Oil Corp. - Belle Chasse	199,100	0	205,000	0	73,000	[7]16,000	89,000	2,300	[1]40,000	0	[2]46,000 [3]42,000	28,400	0	22,500	0	0	4,000
Hill Petroleum Co. - Krotz Springs	46,000	11,400	48,000	12,000	25,000	0	25,000	3,000	0	0	[8]12,000	0	0	0	0	0	0
International Processors - St. Rose	0	28,356	0	35,000	14,000	0	0	0	0	0	0	0	0	0	0	0	0
Mallard Resources Inc. - Gueydan	7,400	0	8,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marathon Oil Co. - Garyville	255,000	0	263,000	0	125,000	0	75,000	14,000	[1]50,000	0	[2]35,500 [3]50,000 [4]58,000	20,000	25,000	[12]7,000	0	0	0
McTan Refining Corp. - St. James	0	19,300	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Murphy Oil Corp. - Meraux	90,200	0	92,500	0	40,000	0	35,300	3,000	[1]21,000	0	[2]15,000 [3]26,000	9,100	12,000	0	0	0	0
Placid Refining Co. - Port Allen	45,000	0	48,000	0	18,000	0	16,500	2,000	[1]6,200	0	[3]7,000	4,200	0	0	0	0	0
Shell Oil Co. - Norco	218,200	0	225,000	0	90,000	[7]18,000 [6]120,200	100,000	2,000	[14]28,000 [1]18,000	27,700	[8]29,000 [2]70,000 [6]53,500	13,500	0	0	0	51	4,300
Tenneco Oil Co. - Chalmette	114,000	0	123,000	0	28,500	[7]9,000	22,500	0	[14]16,000 [1]28,000	19,000	[2]18,000	5,000	0	7,000	0	22	1,750
Texaco Inc. - Convent	140,000	0	147,000	0	37,000	[11]12,000	70,000	20,000	[1]30,000	0	[2]45,000 [3]30,000 [6]30,000	12,500	0	0	0	0	0
Texas NAPCO Inc. (Formerly LaJet Inc.) - St. James	20,000	0	21,500	0	20,000	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,041,900	423,056	2,126,633	439,167	1,007,500	427,700	878,900	46,300	448,800	70,700	948,500	172,000	65,900	38,800	24,400	73	38,050

See footnotes at end of table.

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day Operating	Barrels per Calendar Day Idle	Barrels per Stream Day Operating	Barrels per Stream Day Idle	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
Louisiana: Inland																	
Atlas Processing Co. - Shreveport	45,000	31,500	48,500	34,000	24,300	0	0	0	[14]5,000 [1]10,000	0	[8]6,800 [3]15,000 [4]3,400 [6]1,200	0	600	5,000	8,500	6	0
Calumet Refining Co. - Princeton	3,200	1,200	3,539	1,327	3,738	0	0	0	0	0	0	0	775	0	2,494	0	0
Claiborne Gasoline Co. - Lisbon	6,500	0	6,700	0	0	0	0	0	[14]2,000	0	0	0	0	0	0	0	0
Kerr-McGee Corp. (Formerly Cotton Valley Solvents Co.)																	
- Cotton Valley	7,800	0	8,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dubach	7,800	0	11,000	0	0	0	0	0	[14]3,480	0	0	0	0	0	0	0	0
Port Petroleum Inc. - Stonewall	3,200	0	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	73,500	32,700	82,239	35,327	28,038	0	0	0	20,480	0	26,400	0	1,375	5,000	10,994	6	0
Maryland																	
Chevron U.S.A. Inc. - Baltimore	14,200	0	15,000	0	14,300	0	0	0	0	0	0	0	11,300	0	0	0	0
Michigan																	
Crystal Refining Co. - Carson City	3,000	0	6,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakeside Refining Co. - Kalamazoo	2,700	0	5,600	0	0	0	0	0	[14]2,000	0	0	0	0	0	0	0	0
Marathon Oil Co. - Detroit	68,500	0	71,000	0	26,000	0	27,000	1,300	[1]17,000	0	[3]17,500	4,000	8,650	0	0	0	0
Total Petroleum Inc. - Alma	40,000	0	42,000	0	0	0	18,000	0	[1]14,000	0	[2]1,400 [5]3,800	3,500	0	0	0	0	0
Total	114,200	0	124,800	0	26,000	0	45,000	1,300	33,000	0	22,700	7,500	8,650	0	0	0	0
Minnesota																	
Ashland Oil Inc. - St. Paul Park	67,143	0	69,220	0	32,000	0	22,000	0	[1]12,500	0	[2]6,000 [3]12,500 [4]20,000	5,900	14,000	[9]7,500	0	0	0
Koch Refining Co. - Rosemount	133,000	0	137,000	0	80,000	[7]24,000	53,000	1,000	[14]33,000	0	[2]53,000 [3]30,000 [4]43,000	8,500	35,000	0	0	14	6,500
Total	200,143	0	206,220	0	112,000	24,000	75,000	1,000	45,500	0	164,500	14,400	49,000	7,500	0	14	6,500
Mississippi: Gulf																	
Chevron U.S.A. Inc. - Pascagoula	280,000	0	300,000	0	148,000	0	56,000	2,000	[1]90,000	68,000	[2]30,000 [4]26,000	9,200	10,500	6,000	0	109	14,500
Mississippi: Inland																	
Amerada Hess Corp. - Purvis	29,000	0	30,000	0	20,000	[13]7,000	18,000	0	[1]5,800	0	[2]4,500 [3]5,800	3,500	0	0	0	0	1,250

See footnotes at end of table

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Mississippi: Inland (continued)																	
Ergon Refining Inc. - Vicksburg	0	20,600	0	22,118	12,000	0	0	0	0	0	0	0	6,000	0	0	0	0
Southland Oil Co. - Lumberton	3,000	2,800	3,000	3,500	0	0	0	0	0	0	0	0	3,500	0	0	0	0
- Sandersville	11,000	0	12,500	0	6,875	0	0	0	0	0	0	0	5,435	0	0	0	0
Vicksburg Refining Inc. - Vicksburg	0	7,900	0	8,441	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	43,000	31,300	45,500	34,059	38,875	7,000	18,000	0	5,800	0	10,300	3,500	14,935	0	0	0	1,250
Montana																	
Conoco Inc. - Billings	48,500	0	50,000	0	20,000	0	15,500	1,000	[1]15,800	0	[2]3,500 [6]38,000	4,200	5,500	[12]3,000	0	0	0
Exxon Co. U.S.A. - Billings	45,000	0	46,000	0	18,000	[13]7,000	21,000	3,500	[14]10,000	4,900	[8]15,500 [2]20,000 [6]6,000	3,000	3,000	0	0	19	2,000
Farmers Union Central Exchange Inc. (CENEX) - Laurel	33,650	7,800	34,500	8,000	0	0	13,500	1,500	[1]12,000	0	[2]4,000 [3]15,000 [5]14,000	3,780	5,000	[12]1,250	0	0	0
Flying J Inc. - Cutbank	5,600	0	6,000	0	0	[6]2,200	0	0	[1]2,300	0	[2]900 [3]2,300	0	0	0	0	0	0
Kenco Refining Inc. - Wolf Point	4,700	0	4,850	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simmons Refining Corp. - Great Falls	6,300	0	6,600	0	3,000	0	2,100	500	[1]1,000	0	[2]1,500 [3]1,000	0	1,100	0	0	0	0
Total	143,750	7,800	147,950	8,000	41,000	9,200	52,100	6,500	41,100	4,900	121,700	10,980	14,600	4,250	0	19	2,000
Nevada																	
Nevada Refining Co. - Tonopah	4,500	0	4,700	0	2,500	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey																	
Amerada Hess Corp. - Port Reading	0	68,000	0	70,000	30,000	0	35,000	0	[1]7,000	0	[3]7,000	3,000	0	0	0	0	0
Chevron U.S.A. Inc. - Perth Amboy	80,000	88,000	85,000	95,000	96,000	0	33,000	8,000	[1]39,000	0	[8]39,000 [2]20,000 [6]60,000	3,000	50,000	0	0	0	0
Exxon Co. U.S.A. - Linden	100,000	0	110,000	0	66,000	0	120,000	25,000	[1]25,000	0	[8]19,000 [2]66,000 [3]42,000 [4]50,000	8,500	38,000	[9]25,000	0	0	0
Mobil Oil Corp. - Paulsboro	99,700	0	102,200	0	62,000	[7]21,500	34,000	0	[1]23,500	0	[2]33,000 [3]23,500 [6]5,500	1,300	0	0	7,700	0	4,900
Seaview Petroleum Co. - Paulsboro	44,400	0	47,700	0	34,700	0	0	0	0	0	0	0	3,800	0	3,200	0	0
Texaco Inc. - Westville	90,000	0	95,000	0	31,000	[11]13,000	40,000	12,000	[1]13,000	0	[2]13,000 [3]17,000 [6]10,000	3,000	0	0	0	0	0
Total	414,100	156,000	439,900	165,000	319,700	34,500	262,000	45,000	107,500	0	405,000	18,800	91,800	25,000	10,900	0	4,900

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distil-lation	Thermal Opera-tion	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydro-cracking	Catalytic Hydro-treating	Alkylation	Asphalt	Aromatics/ Isomeri-zation	Lubri-cating Oils	Hydrogen (MMCFD)	Petro-leum Coke
	Operating	Idle	Operating	Idle													
New Mexico																	
Giant Industries Inc. (Formerly Shell Oil Co.) - Gallup	18,000	0	19,000	0	7,900	0	7,200	3,600	[1]6,800	0	[8]6,800	1,400	700	0	0	0	0
Navajo Refining Co - Artesia	28,500	0	29,930	0	4,000	0	14,500	2,000	[14]2,000 [1]6,000	0	[2]9,000 [3]10,000	1,500	2,400	0	0	0	0
Plateau Inc. - Bloomfield	16,800	0	18,100	0	0	0	5,000	250	[1]2,200	0	[3]2,200	0	0	0	0	0	0
Southern Union Refining Co. - Lovington	36,100	0	37,392	0	10,000	0	0	0	0	0	[2]8,500	0	0	0	0	0	0
Thriftway Oil Co. - Bloomfield	4,750	0	6,100	0	0	0	0	0	0	0	[3]2,500	0	0	0	0	0	0
Total	104,150	0	110,522	0	21,900	0	26,700	5,850	17,000	0	39,000	2,900	3,100	0	0	0	0
New York: East																	
Cibro Petroleum Products Inc - Albany	41,850	0	45,000	0	27,000	0	0	0	0	0	0	0	100	0	0	0	0
New York: West																	
Ashland Oil Inc. - Buffalo	0	64,000	0	66,000	28,000	0	22,000	0	[1]11,000	0	[2]1,200 [3]11,000 [4]14,000	2,000	5,500	2,200 [9]4,000	0	0	0
North Carolina																	
GNC Energy Corp. - Greensboro	3,000	0	3,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota																	
Amoco Oil Co - Mandan	56,000	0	58,000	0	0	0	26,000	5,200	[1]10,000	0	[8]4,000 [3]11,000	2,800	0	[9]4,000	0	0	0
Ohio: East																	
Ashland Oil Inc. - Canton	66,000	0	68,000	0	35,000	0	26,000	0	[1]20,000	0	[2]7,500 [3]20,000 [4]24,000	7,000	5,500	0	0	0	0
Ohio: West																	
Ashland Oil Inc. - Findlay	0	20,400	0	21,000	12,000	0	0	0	0	0	0	0	6,500	0	0	0	0
Gulf Oil Corp. - Cleves	43,700	0	45,000	0	0	0	18,000	2,000	[1]11,000	0	[2]6,000 [3]11,000	6,000	0	0	0	0	0
Standard Oil Co. of Ohio - Lima	168,000	0	177,000	0	51,000	[7]16,200	37,700	7,800	[14]47,000 [1]21,000	0	[8]59,000	0	0	0	2,900	0	3,200
- Toledo	80,000	40,000	84,200	41,800	68,000	[7]11,200	55,000	16,500	[14]23,000 [1]17,700	35,000	[8]37,000	11,300	7,000	0	0	24	3,650
Sun Co Inc - Toledo	118,000	0	124,000	0	22,000	0	50,000	7,500	[1]41,000	26,000	[8]27,500	7,000	2,500	8,500	0	48	0
Total	409,700	60,400	430,200	62,800	153,000	27,400	160,700	33,800	160,700	61,000	140,500	24,300	16,000	8,500	2,900	72	6,850
Oklahoma																	
Allied Materials Corp. - Stroud	7,500	0	7,700	0	0	0	0	0	0	0	0	0	2,233	0	0	0	0
Champlin Petroleum Co - Enid	53,800	0	56,000	0	16,500	[7]7,000	20,000	0	[1]15,000	0	0	4,500	0	[9]6,000	0	0	1,300
Conoco Inc - Ponca City	118,500	15,500	122,000	16,000	40 000	[7]20,500	45,000	0	[1]33,500	0	[2]9,000 [3]33,500	9,700	0	[12]3,000	2,000	0	3,500

See footnotes at end of table

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Oklahoma (continued)																	
Hudson Refining Co. Inc. - Cushing	0	19,000	0	19,600	0	0	7,500	0	[14]4,650	0	0	2,400	0	0	0	0	400
Kerr-McGee Corp. - Wynnewood	43,000	0	45,000	0	13,000	0	20,000	0	[1]8,500	5,000	[3]9,000 [4]6,000	5,000	5,000	0	0	9	0
Oklahoma Refining Co. - Cyril	9,200	0	13,000	0	2,200	0	6,800	850	[1]6,000	0	[8]2,000 [3]9,000	1,170	1,090	0	0	0	0
- Thomas	9,800	0	10,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sun Co. Inc. - Tulsa	85,000	0	90,000	0	31,500	[7]8,000	30,000	1,400	[1]23,000	0	[8]24,000 [6]8,800	8,600	4,800	3,500 [12]2,300	7,800	0	1,500
Tonkawa Refining Co. - Arnett	12,000	0	12,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tosco Corp. - Duncan	47,000	0	48,500	0	36,000	[7]13,000	30,000	7,000	[1]8,000	0	[3]8,500	6,000	0	0	0	0	2,500
Total Petroleum Inc. - Ardmore	49,500	12,500	51,500	13,000	32,000	0	22,500	0	[14]12,000	0	[4]20,000	6,500	0	0	0	0	0
Total	435,300	47,000	456,300	48,600	171,200	48,500	181,800	9,250	110,650	5,000	129,800	43,870	13,123	14,800	9,800	9	9,200
Oregon																	
Chevron U.S.A. Inc. - Willbridge	15,000	0	16,000	0	16,000	0	0	0	0	0	0	0	11,500	0	0	0	0
Pennsylvania: East																	
Atlantic Richfield Co. - Philadelphia	125,000	0	130,000	0	83,000	0	29,000	0	[1]60,000	30,000	[2]50,000 [3]54,000 [4]24,000	0	25,000	0	0	45	0
BP Oil Corp. - Marcus Hook	168,000	0	177,000	0	85,000	0	48,000	1,600	[1]50,000	25,000	[8]64,000 [2]41,000 [4]43,000	9,000	0	0	1,500	0	0
Gulf Oil Corp. - Philadelphia	174,100	0	180,000	0	80,000	0	85,300	6,500	[1]32,000	0	[2]60,000 [3]32,000	20,000	0	0	0	0	0
Sun Co. Inc - Marcus Hook	155,000	0	165,000	0	48,000	0	75,000	15,000	[14]13,000 [1]31,200	0	[8]55,000 [2]13,000 [6]10,000	12,000	0	5,300	16,500	0	0
Total	622,100	0	652,000	0	296,000	0	237,300	23,100	186,200	55,000	446,000	41,000	25,000	5,300	18,000	45	0
Pennsylvania: West																	
American Refining Group - Indianola	0	200	0	275	0	0	0	0	0	0	0	0	0	0	0	0	0
Ashland Oil Inc. - Freedom	6,800	0	7,000	0	3,500	0	0	0	0	0	0	0	0	0	1,400	0	0
Pennzoil Co. - Rouseville	15,700	0	16,500	0	6,500	0	0	0	[1]3,600	0	[3]4,500 [6]7,800	0	0	0	4,750	4	0
Quaker State Oil Refining Corp. - Emlenton	0	0	0	0	1,580	0	0	0	[1]1,400	0	0	0	0	0	2,200	0	0
- Smethport	6,700	0	7,000	0	2,600	0	0	0	[1]2,300	0	[8]2,500	0	0	0	0	0	0
United Refining Co. (Formerly Coral Petroleum Inc.) - Warren	60,000	0	62,000	0	26,000	0	18,000	200	[1]16,000	0	[2]1,500 [3]20,000	2,500	4,000	0	0	0	0
Witco Chemical Corp. - Bradford	6,841	0	7,500	0	0	0	0	0	[1]2,000	0	[8]2,500	0	0	0	3,000	0	0
Total	96,041	200	100,000	275	40,180	0	18,000	200	25,300	0	38,800	2,500	4,000	0	11,350	4	0

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner State Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Tennessee																	
Delta Refining Co. - Memphis	49,500	0	50,000	0	12,000	0	30,000	12,000	[1]9,300	0	[8]4,200 [2]16,000 [3]9,300	3,500	3,500	0	0	0	0
Texas: Gulf																	
American Petrofina Co. of Texas - Port Arthur	90,000	0	100,000	0	40,000	[11]13,000	34,000	2,000	[1]25,000	0	[2]34,000	3,000	0	4,600	0	0	0
Amoco Oil Co. - Texas City	415,000	0	432,000	0	195,000	[7]37,000	194,000	43,000	[1]152,000	48,000	[8]152,000 [2]53,000	23,000	0	45,000	0	0	9,500
Atlantic Richfield Co - Houston	232,000	0	244,000	0	125,000	[7]39,000	78,000	0	[14]25,000 [1]43,000	0	[8]8,000 [2]88,000 [3]68,000 [4]44,000 [6]43,600	9,000	0	11,600	6,400	0	11,750
Champlin Petroleum Co - Corpus Christi	155,000	15,000	155,000	15,000	79,000	0	66,000	3,300	[14]6,600 [1]28,000	0	[8]28,500 [3]28,500 [4]58,000	19,000	0	12,000	0	0	6,250
Charter International Oil Co - Houston	65,000	0	70,000	0	26,000	[11]7,500	50,000	0	[1]13,500	0	[8]3,000 [2]26,500 [3]14,000	5,500	5,000	2,800	0	0	0
Coastal States Petroleum Co - Corpus Christi	110,400	18,400	120,000	20,000	63,000	[11]11,000 [7]12,500	20,000	0	[14]13,000 [1]20,000	0	[2]12,000 [3]25,000 [4]25,000 [6]12,000	2,500	2,000	11,000	0	15	3,250
Conoco Inc - Alvin/Texas City	33,274	0	37,194	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crown Central Petroleum Corp - Pasadena	100,000	0	103,000	0	38,000	[7]12,500	56,000	0	[1]36,000	0	[2]7,000	10,000	0	2,000	0	0	1,250
Eddy Refining Co - Houston	3,250	0	3,500	0	0	0	0	0	[1]1,615	0	0	0	0	0	0	0	0
Erickson Refining Corp (Formerly Independent Refining Corp) - Port Neches	0	30,000	0	45,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Exxon Co U S A - Baytown	427,000	67,000	456,000	69,000	208,000	0	155,000	15,000	[14]60,000 [1]63,000	19,000	[8]29,300 [2]188,000 [3]144,000 [5]71,000 [4]85,000 [6]41,500	29,000	8,000	0	34,300	85	0
Gulf Oil Corp - Port Arthur	268,400	144,300	274,000	150,000	210,000	[7]30,000	110,000	6,000	[1]80,500	0	[2]105,000 [3]80,500	14,500	0	[9]7,200	13,200	0	8,425
Independent Refining Corp - Winnie	0	50,000	0	61,000	20,000	[11]6,000	0	0	[1]16,000	3,000	[3]18,000	0	0	300	0	0	0
Koch Refining Co (Merged with Gulf States Oil & Refining Co) - Corpus Christi	105,000	0	108,000	0	26,000	[7]7,700	27,000	1,500	[14]24,000	0	[3]12,500	6,000	0	6,300	0	0	3,960
Marathon Oil Co - Texas City	49,000	20,500	50,000	22,000	28,000	0	38,000	1,000	[14]8,000	0	0	11,000	0	2,500	0	0	0
Mobil Oil Corp - Beaumont	277,400	57,600	285,000	60,000	103,000	[7]29,500	100,500	0	[1]102,000	32,000	[2]116,000 [3]92,000 [6]5,650	12,700	0	[9]20,000	9,400	60	6,200

See footnotes at end of table

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Texas: Gulf (continued)																	
Petraco-Valley Oil & Refining Co. - Brownsville	0	12,300	0	13,666	0	0	0	0	0	0	0	0	0	0	0	0	0
Petromax - Houston	0	2,000	0	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Petroleum Co. - Sweeny	175,000	0	195,000	0	88,000	[11]8,000	87,000	7,700	[1]36,000	0	[2]50,000 [3]54,500 [6]75,000	10,500	0	5,575 [9]16,900	0	80	0
Quintana Petrochemical Co. - Corpus Christi	33,300	0	35,000	0	8,000	0	0	0	[14]18,000 [1]10,000	0	[3]18,000	0	0	4,000	0	25	0
Saber Refining Co. - Corpus Christi	0	19,320	0	21,000	24,000	0	0	0	0	0	0	7,700	0	[12]12,000	0	0	0
Shell Oil Co. - Deer Park	285,000	0	310,000	0	126,000	[10]55,000 [6]20,000	65,000	10,000	[14]40,000 [1]15,000	15,000	[8]71,000 [2]135,000 [6]102,000	7,000	4,200	20,800	8,400	70	0
South Hampton Refining Co. - Silsbee	18,100	0	22,500	0	20,000	[11]4,000	0	0	[1]4,000	0	0	0	0	[12]300	0	0	0
Southwestern Refining Co. Inc. - Corpus Christi	63,000	41,000	65,000	43,000	36,000	0	47,000	700	[1]30,000	0	[2]27,000 [3]40,000 [4]18,000	4,000	0	6,500	0	0	0
Texaco Inc. - Port Arthur	242,000	160,000	255,000	170,000	147,000	[10]9,000	135,000	40,500	[1]60,000	15,000	[2]62,000 [3]60,000 [6]18,000	13,000	0	0	20,000	0	0
- Port Neches	31,000	0	32,600	0	26,000	0	0	0	0	0	0	0	9,000	0	0	0	0
Texas City Refining Inc. - Texas City	119,600	0	130,000	0	49,000	[11]19,000	40,000	0	[14]11,000 [1]12,000	0	[2]29,000 [3]23,000	6,200	0	0	0	0	0
Uni Refining Inc. (Formerly Texas Independent Corp.) - Ingleside	0	30,000	0	39,400	20,000	0	0	0	0	0	0	0	0	0	0	0	0
Union Oil Co. of California - Beaumont (Nederland)	120,000	0	126,300	0	43,000	0	38,000	4,000	[14]34,000	0	[8]11,200 [3]34,000 [6]9,000	4,200	2,400	4,700	3,100	0	0
Total	3,417,724	667,420	3,609,094	731,566	1,748,000	320,700	1,340,500	134,700	987,215	132,000	2,555,250	197,800	30,600	196,075	94,800	335	50,585
Texas: Inland																	
Amber Refining Inc. (Formerly E-Z Serv Refining Inc.) - Fort Worth	20,000	0	20,500	0	3,500	0	3,600	2,600	[14]1,700 [1]3,500	0	[8]6,400	300	0	0	0	0	0
American Petrofina Co. of Texas - Big Spring	60,000	0	65,000	0	25,000	[11]3,500	23,000	0	[1]20,000	0	[8]25,000 [2]11,000	6,000	5,500	0	0	0	0
Chevron U.S.A. Inc. - El Paso	76,000	0	78,000	0	26,000	0	22,000	0	[1]25,000	0	[2]18,000 [3]25,000	5,500	5,500	[12]3,000	0	0	0
Diamond Shamrock Corp. - Sunray	71,100	0	76,450	0	45,000	[10]4,000	45,000	0	[1]18,000	0	[3]20,500	9,000	3,000	[12]1,500	0	0	0
Dorchester Refining Co. - Mount Pleasant	26,500	0	28,500	0	14,000	0	9,600	2,200	[1]3,500	0	[2]6,000 [3]3,500	2,200	9,000	0	0	0	0
- White Deer	0	0	0	0	0	0	0	0	[14]1,000	0	0	0	0	0	0	0	0
Flint Chemical Co. - San Antonio	1,500	0	1,550	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Refiner State Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Texas: Inland (continued)																	
Howell Hydrocarbons Inc - San Antonio	9,900	0	10,000	0	0	0	0	0	[14]1,200	0	0	0	0	1,200	0	0	0
La Gloria Oil & Gas Co - Tyler	46,000	0	49,500	0	14,000	[1]9,300	15,000	800	[1]20,000	0	[8]5,000 [3]15,000	4,700	0	0	0	20	1,680
Liquid Energy Corp - Bridgeport	10,000	0	10,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrolite Corp - Kilgore	1,000	0	1,400	0	475	0	0	0	0	0	0	0	125	0	0	0	0
Phillips Petroleum Co - Borger	95 000	0	100 000	0	0	0	60,000	10,400	[14]7,000 [1]19,000	0	[2]40,000 [1]26,500 [6]50,000	16,800	0	[12]8,100 [9]24,600	0	50	0
Pioneer Refining Ltd - Nixon	15,000	0	15,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pride Refining Inc - Abilene	42,750	0	45,000	0	12 500	0	0	0	0	0	0	0	0	[12]2,000	0	0	0
Shell Oil Co - Odessa	30,600	0	33,500	0	10,000	0	10 500	5,500	[1]11,000	0	[5]11,000	3,000	0	1,050	0	0	0
Shore Inc - Kilgore	550	0	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigmor Refining Co - Three Rivers	40,000	0	42,000	0	20,000	0	17 000	0	[1]8,500	0	0	7,000	0	0	840	0	0
Tesoro Petroleum Corp - Carrizo Springs	26,100	0	27,474	0	0	0	0	0	[1]3,500	0	0	0	300	0	0	0	0
Texaco Inc - Amarillo	20,000	0	21,000	0	0	[1]4,000	8 000	2,400	[1]5 000	0	[3]5,000	1,500	0	0	0	0	500
- El Paso	17,000	0	18 000	0	0	[1]4,000	7,000	2,000	[1]3,500	0	[2]3,500	1,500	0	[12]500	0	0	500
Thriftway Oil Co. - Graham	0	1 184	0	2 400	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	609,000	1,184	645,574	2,400	170 475	24,800	220,700	25,900	151,400	0	271,400	57,500	23 425	41,950	840	70	2,680
Utah																	
Amoco Oil Co - Salt Lake City	39,000	0	41,500	0	0	0	18,000	4,000	[1]6,000	0	[8]6,000	3,750	0	[12]3,000	0	0	0
Caribou-Four Corners Oil Co - Woods Cross	0	8,000	0	8,400	0	0	0	0	0	0	0	0	0	0	0	0	0
Chevron U S A Inc - Salt Lake City	45,000	0	46,000	0	35,500	[1]8,500	18,000	1,000	[1]5,500	0	[2]5,500 [3]5,500	4,300	0	[12]750	0	0	1,750
Crysen Corp (Formerly Western Refining Co) - Woods Cross	E12,500	0	E13,500	0	0	0	0	0	E[1]3,000	0	0	0	0	0	0	0	0
Husky Oil Co - North Salt Lake	25,000	0	26,000	0	3,800	0	4,400	2,500	[1]5,000	0	[8]6,000	1,000	0	0	0	0	0
Morrison Petroleum Co - Woods Cross	0	6,000	0	7,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Phillips Petroleum Co - Woods Cross	25,000	0	26,000	0	3,200	0	8,400	2,600	[1]6,000	0	[2]1,600 [3]11,000	2,100	1,700	0	0	0	0
Plateau Inc - Roosevelt	7,500	0	8,500	0	0	0	6,000	500	0	0	0	0	0	0	0	0	0
Total	154,000	14,000	161,500	15,400	42,500	8,500	54,800	10,600	25,500	0	35,600	11,150	1,700	3,750	0	0	1,750
Virginia																	
Amoco Oil Co - Yorktown	53,000	0	55,000	0	29,000	[7]15,000	28,000	5,000	[1]9,500	0	[2]17,000 [3]9,500	0	0	0	0	0	3,750
Washington																	
Atlantic Richfield Co - Ferndale	126,000	0	131,000	0	75,000	[7]42,000	0	0	[1]43,000	46,000	[8]28,000 [2]15,000	0	0	0	0	68	10,500

See footnotes at end of table

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Washington (continued)																	
Chevron U.S.A. Inc. - Richmond Beach	5,500	0	6,000	0	6,000	0	0	0	0	0	0	0	5,000	0	0	0	0
Mobil Oil Corp. - Ferndale	71,500	0	75,000	0	20,000	0	25,500	2,000	[1]21,000	0	[2]21,000 [3]23,500	5,900	0	0	0	62	0
Shell Oil Co. - Anacortes	91,000	0	94,000	0	33,000	0	36,000	12,000	[14]20,000	0	[8]28,000 [2]21,000 [6]8,000	12,100	0	[12]2,600	0	0	0
Sound Refining Inc. (Formerly Crysen Corp.) - Tacoma	11,070	0	11,900	0	4,000	0	0	0	0	0	0	0	3,000	0	0	0	0
Texaco Inc. - Anacortes	78,000	0	82,000	0	26,000	0	30,000	9,000	[1]20,000	0	[2]17,000 [3]20,000 [6]5,000	6,600	0	0	0	0	0
U.S. Oil & Refining Co. - Tacoma	21,400	0	23,000	0	4,700	0	0	0	[1]6,200	0	[8]6,200 [2]3,800	0	3,900	0	0	0	0
Total	404,470	0	422,900	0	168,700	42,000	91,500	23,000	110,200	46,000	196,500	24,600	11,900	2,600	0	130	10,500
West Virginia																	
Quaker State Oil Refining Corp - Newell	9,515	0	10,000	0	9,000	0	0	0	[1]2,150	4,440	0	0	0	0	3,892	1	0
- St. Mary's	4,500	0	5,000	0	0	0	0	0	[1]1,400	0	0	0	0	0	1,390	0	0
Total	14,015	0	15,000	0	9,000	0	0	0	3,550	4,440	0	0	0	0	5,282	1	0
Wisconsin																	
Murphy Oil Corp. - Superior	39,000	0	40,000	0	15,000	0	9,500	1,000	[14]9,800	0	[2]6,800 [3]10,500	1,600	8,000	0	0	0	0
Wyoming																	
Amoco Oil Co. - Casper	48,000	0	49,000	0	15,500	0	13,000	1,500	[1]5,900	0	[3]7,100	1,300	1,550	0	1,830	0	0
Husky Oil Co. - Cheyenne	28,800	0	30,000	0	17,000	[7]9,000	12,000	4,000	[1]6,500	0	[2]4,500 [3]7,500	2,750	3,700	[12]1,500	0	0	2,700
Little America Refining Co. - Casper	24,500	0	25,500	0	12,000	0	10,500	5,000	[1]6,000	0	[2]3,700	0	4,400	0	0	0	0
Mountaineer Refining Co. Inc. - La Barge	200	0	700	0	10	[10]300	0	0	0	0	0	0	0	0	0	0	0
Silver Eagle Oil Inc. - La Barge	0	1,500	0	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Sinclair Oil Corp (Formerly Little America Refining Co.) - Sinclair	54,000	0	72,000	0	30,000	0	21,000	1,000	[14]10,000	0	[8]10,000 [2]12,000	3,500	3,400	0	0	0	0
Wyoming Refining Co - Newcastle	12,555	0	13,500	0	0	0	4,000	3,000	[14]2,750	0	0	900	0	0	0	0	0
Total	168,055	1,500	190,700	2,000	74,510	9,300	60,500	14,500	31,150	0	44,800	8,450	13,050	1,500	1,830	0	2,700
Guam																	
Guam Oil & Refining Co. Inc. - Agana	43,900	0	47,160	0	1,400	0	0	0	0	0	0	0	350	0	0	0	0

See footnotes at end of table.

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 1983 (Barrels per Stream Day, except where noted) (Continued)

Refiner/State/Location	Crude Capacity				Charge Capacity							Production Capacity					
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke
	Operating	Idle	Operating	Idle													
Puerto Rico																	
Commonwealth Oil Refining Co - Penuelas	0	123,495	0	143,000	62,000	[11]20,000	40,000	4,000	[1]65,000	0	[2]18,000 [3]65,000	4,500	0	13,700	0	0	0
Gulf Oil Corp - Bayamon	24,500	11,500	27,000	13,000	21,000	0	12,000	0	[1]6,500	0	[2]11,000 [3]7,600	0	1,000	0	0	0	0
Phillips Puerto Rico Core Inc - Guayama	0	0	0	0	0	[6]280	0	0	[14]22,000 [1]50,400	0	[8]50,000	0	0	15,000	0	0	0
Sun Co. Inc - Yabucoa	85,000	0	90,000	0	48,000	0	0	0	0	15,000	[2]10,000	0	0	0	6,900	18	0
Total	109,500	134,995	117,000	156,000	131,000	20,280	52,000	4,000	143,900	15,000	161,600	4,500	1,000	28,700	6,900	18	0
Hawaiian Foreign Trade Zone																	
Hawaiian Independent Refinery Inc. - Ewa Beach	60,000	0	67,900	0	30,000	0	0	0	[1]13,000	12,000	[3]13,000	0	0	0	0	17	0
Virgin Islands																	
Amerada Hess Corp - St. Croix	515,000	0	545,000	0	190,000	[11]40,000	0	0	[1]125,000	0	[2]165,000 [3]125,000 [4]130,000	0	0	30,000 [9]15,000	0	0	0

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[1] Bi-Metallic
[2] Distillate
[3] Reformer Feeds
[4] Heavy Gas Oil
[5] Residual
[6] Other
[7] Delayed Coking
[8] Naphthas
[9] C^5 and C^6
[10] Gas Oil
[11] Visbreaking
[12] C^4
[13] Fluid Coking
[14] Conventional

(E) = Estimated

Source: Form EIA-820 (Formerly EIA-177).

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983

Refiner	Barrels Per Calendar Day
Companies with a Capacity More than 100,000 B/CD	
Standard Oil Co. of California	
Chevron U.S.A. Inc.	
El Segundo, California	405,000
Richmond, California	365,000
Pascagoula, Mississippi	280,000
Perth Amboy, New Jersey	168,000
El Paso, Texas	76,000
Honolulu, Hawaii	48,000
Salt Lake City, Utah	45,000
Bakersfield, California	26,000
Kenai, Alaska	22,000
Willbridge, Oregon	15,000
Baltimore, Maryland	14,200
Richmond Beach, Washington	5,500
Total	1,469,700
Exxon Corp.	
Exxon Co. U.S.A.	
Baytown, Texas	494,000
Baton Rouge, Louisiana	455,000
Benicia, California	106,000
Linden, New Jersey	100,000
Billings, Montana	45,000
Total	1,200,000
Shell Oil Co.	
Deer Park, Texas	285,000
Wood River, Illinois	283,000
Norco, Louisiana	218,200
Wilmington, California	93,000
Martinez, California	91,400
Anacortes, Washington	91,000
Odessa, Texas	30,600
Total	1,092,200
Standard Oil Co. of Indiana	
Amoco Oil Co.	
Texas City, Texas	415,000
Whiting, Indiana	376,000
Mandan, North Dakota	56,000
Yorktown, Virginia	53,000
Casper, Wyoming	48,000
Salt Lake City, Utah	39,000
Savannah, Georgia	24,000
Total	1,011,000
Texaco Inc.	
Port Arthur, Texas	402,000
Convent, Louisiana	140,000
Westville, New Jersey	90,000
Lawrenceville, Illinois	84,000
Anacortes, Washington	78,000
Wilmington, California	75,000
Port Neches, Texas	31,000
Amarillo, Texas	20,000
El Paso, Texas	17,000
Total	937,000
Gulf Oil Corp.	
Port Arthur, Texas	412,700
Belle Chasse, Louisiana	199,100
Philadelphia, Pennsylvania	174,100
Santa Fe Springs, California	51,500
Cleves, Ohio	43,700
Total	881,100
Mobil Oil Corp.	
Beaumont, Texas	335,000
Joliet, Illinois	180,000
Torrance, California	123,500
Paulsboro, New Jersey	99,700
Ferndale, Washington	71,500
Augusta, Kansas	50,000
Total	859,700
Atlantic Richfield Co.	
Houston, Texas	232,000
Carson, California	205,000
Ferndale, Washington	126,000
Philadelphia, Pennsylvania	125,000
North Slope, Alaska	20,000
Total	708,000
Marathon Oil Co.	
Garyville, Louisiana	255,000
Robinson, Illinois	195,000
Texas City, Texas	69,500
Detroit, Michigan	68,500
Total	588,000
Union Oil Co. of California	
Lemont, Illinois	151,000
Beaumont (Nederland), Texas	120,000
Wilmington, California	108,000
Rodeo, California	70,000
Arroyo Grande, California	41,000
Total	490,000

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Ashland Oil Inc.	
Catlettsburg, Kentucky	213,400
St. Paul Park, Minnesota	67,143
Canton, Ohio	66,000
Buffalo, New York	64,000
Louisville, Kentucky	25,200
Findlay, Ohio	20,400
Freedom, Pennsylvania	6,800
Total	462,943
Standard Oil Co. of Ohio	
Lima, Ohio	168,000
Toledo, Ohio	120,000
BP Oil Corp.	
Marcus Hook, Pennsylvania	168,000
Total	456,000
DuPont Holdings Inc.	
Conoco Inc.	
West Lake, Louisiana	156,500
Ponca City, Oklahoma	134,000
Billings, Montana	48,500
Alvin/Texas City, Texas	33,274
Commerce City, Colorado	32,500
Santa Maria, California	9,500
Egan, Louisiana	6,500
Total	420,774
Sun Co. Inc.	
Marcus Hook, Pennsylvania	155,000
Toledo, Ohio	118,000
Tulsa, Oklahoma	85,000
Total	358,000
Occidental Petroleum	
Cities Service Co.	
Lake Charles, Louisiana	320,000
GHR Energy Corp.	
Good Hope, Louisiana	300,000
Phillips Petroleum Co.	
Sweeny, Texas	175,000
Borger, Texas	95,000
Woods Cross, Utah	25,000
Total	295,000
Union Pacific Corp.	
Champlin Petroleum Co.	
Corpus Christi, Texas	170,000
Wilmington, California	60,000
Enid, Oklahoma	53,800
Total	283,800
Getty Oil Co.	
Getty Refining & Marketing Co.	
Delaware City, Delaware	140,000
El Dorado, Kansas	80,577
Bakersfield, California	57,600
Total	278,177
Tosco Corp.	
Avon, California	126,000
El Dorado, Arkansas	47,000
Duncan, Oklahoma	47,000
Bakersfield, California	38,800
Total	258,800
Coastal States Marketing Corp.[1]	
Coastal States Petroleum Co.	
Corpus Christi, Texas	128,800
Pacific Refining Co. Inc.	
Hercules, California	85,000
Derby Refining Co.	
North Wichita, Kansas	27,982
Total	241,782
Koch Industries Inc.	
Koch Refining Co.	
Rosemount, Minnesota	133,000
Corpus Christi, Texas[2]	105,000
Total	238,000
Kerr-McGee Corp.	
Wynnewood, Oklahoma	43,000
Dubach, Louisiana	7,800
Cotton Valley, Louisiana[3]	7,800
Southwestern Refining Co. Inc.	
Corpus Christi, Texas	104,000
Total	162,600
American Petrofina Co. of Texas	
Port Arthur, Texas	90,000
Big Spring, Texas	60,000
Total	150,000

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Total Petroleum Inc.	
Ardmore, Oklahoma	62,000
Arkansas City, Kansas	42,500
Alma, Michigan	40,000
Total	144,500
Murphy Oil Corp.	
Meraux, Louisiana	90,200
Superior, Wisconsin	39,000
Total	129,200
Agway Petroleum Corp.	
Texas City Refining Inc.	
Texas City, Texas	119,600
Tenneco Oil Co.	
Chalmette, Louisiana	114,000
Diamond Shamrock Corp.	
Sunray, Texas	71,100
Sigmor Refining Co.	
Three Rivers, Texas	40,000
Total	111,100
Apex Oil Co.	
Clark Oil & Refining Corp.	
Blue Island, Illinois	57,000
Hartford, Illinois	47,500
Total	104,500
Total	**14,185,476**
Companies with a Capacity 30,001 to 100,000 B/CD	
Crown Central Petroleum Corp.	
Pasadena, Texas	100,000
Amerada Hess Corp.	
Port Reading, New Jersey[4]	68,000
Purvis, Mississippi	29,000
Total	97,000
Mid-America Pipe Line System[5]	
Delta Refining Co.	
Memphis, Tennessee	49,500
North Pole Refining Co.	
North Pole, Alaska	45,000
Total	94,500

Refiner	Barrels Per Calendar Day
Pennzoil Co. Inc.	
Rouseville, Pennsylvania	15,700
Atlas Processing Co.	
Shreveport, Louisiana	76,500
Total	92,200
Farmland Industries Inc.[6]	
Coffeyville, Kansas	56,500
Phillipsburg, Kansas	26,400
Total	82,900
Independent Refining Corp.	
Winnie, Texas	50,000
Erickson Refining Corp.[7]	
Port Neches, Texas	30,000
Total	80,000
Louisiana Land & Exploration Co.	
Mobile, Alabama	80,000
Little America Refining Co.	
Casper, Wyoming	24,500
Sinclair Oil Corp.[8]	
Sinclair, Wyoming	54,000
Total	78,500
Tesoro Petroleum Corp.	
Kenai, Alaska[9]	48,500
Carrizo Springs, Texas	26,100
Total	74,600
Coral Petroleum Inc.	
United Refining Co.[10]	
Warren, Pennsylvania	60,000
Vulcan Refining Co.[11]	
Tuscaloosa, Alabama	9,500
Total	69,500
Charter International Oil Co.	
Houston, Texas	65,000
Goldking Refining Ltd.	
Hill Petroleum Co.	
Krotz Springs, Louisiana	57,400
National Cooperative Refinery Association	
McPherson, Kansas	54,000

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Husky Oil Co.	
Cheyenne, Wyoming	28,800
North Salt Lake, Utah	25,000
Total	53,800
Texas Eastern Transmission Corp.	
La Gloria Oil & Gas Co.	
Tyler, Texas	46,000
Placid Oil Co.	
Placid Refining Co.	
Port Allen, Louisiana	45,000
Seaview Petroleum Co.	
Paulsboro, New Jersey	44,400
Powerine Oil Co.	
Santa Fe Springs, California	44,120
Rock Island Refining Corp.	
Indianapolis, Indiana	43,200
Pride Refining Inc.	
Abilene, Texas	42,750
Cirillo Brothers Oil Co.	
Cibro Petroleum Products Inc.	
Albany, New York	41,850
Penn Central Corp.	
Edgington Oil Co. Inc.	
Long Beach, California	41,600
Farmers Union Central Exchange Inc. (CENEX)	
Laurel, Montana	41,450
Pacific Oasis Corp.[12]	
Paramount, California	40,500
Southern Union Co.	
Southern Union Refining Co.	
Lovington, New Mexico	36,100
Hunt Oil Co.	
Tuscaloosa, Alabama	33,500
Quintana Petrochemical Co.	
Corpus Christi, Texas	33,300
Pester Corp.	
Pester Refining Co.	
El Dorado, Kansas	33,250
Total	**1,646,420**
Companies with a Capacity 10,001 to 30,000 B/CD	
Texas Independent Corp.	
Uni Refining Inc.[13]	
Ingleside, Texas	30,000
Fletcher Oil & Refining Co.	
Carson, California	29,500
Holly Corp.	
Navajo Refining Co.	
Artesia, New Mexico	28,500
International Processors	
St. Rose, Louisiana	28,356
Semarck California Inc.	
Independent Valley Energy Co.	
Bakersfield, California	27,000
Mobile Bay Refining Co.	
Chickasaw, Alabama	26,600
Dorchester Gas Corp.	
Dorchester Refining Co.	
Mount Pleasant, Texas	26,500
Asamera Oil (U.S.) Inc.	
Commerce City, Colorado	26,000
Marion Corp.	
Theodore, Alabama	25,000
Suburban Propane Gas Corp.	
Plateau Inc.	
Bloomfield, New Mexico	16,800
Roosevelt, Utah	7,500
Total	24,300
U.S.A. Petrochem Corp.	
Ventura, California	24,000

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Crysen Corp.	
Woods Cross, Utah[14]	12,500
Sound Refining Inc.	
Tacoma, Washington	11,070
Total	23,570
Kern Oil & Refinery Co.[15]	
Bakersfield, California	21,400
Pauley Petroleum	
Newhall Refining Co. Inc.	
Newhall, California	21,400
Time Oil Co.	
U.S. Oil & Refining Co.	
Tacoma, Washington	21,400
Indiana Farm Bureau Cooperative Association	
Mount Vernon, Indiana	21,200
Marlex Petroleum Inc.	
Marlex Oil & Refining Inc.	
Long Beach, California	21,100
Quaker State Oil Refining Corp.	
Newell, West Virginia	9,515
Smethport, Pennsylvania	6,700
St. Mary's, West Virginia	4,500
Total	20,715
Ergon Refining Inc.	
Vicksburg, Mississippi	20,600
E-Z Serv Inc.	
Amber Refining Inc.[16]	
Fort Worth, Texas	20,000
Texas NAPCO Inc.[17]	
St. James, Louisiana	20,000
Saber Energy Inc.	
Saber Refining Co.	
Corpus Christi, Texas	19,320
McTan Refining Corp.	
St. James, Louisiana	19,300
Hudson Oil Co. Inc.	
Hudson Refining Co. Inc.	
Cushing, Oklahoma	19,000
Oklahoma Refining Co.	
Thomas, Oklahoma	9,800
Cyril, Oklahoma	9,200
Total	19,000
Texas Oil & Chemical Co.	
South Hampton Refining Co.	
Silsbee, Texas	18,100
Giant Industries Inc.[18]	
Gallup, New Mexico	18,000
American Ultramar Ltd.	
Beacon Oil Co.[19]	
Hanford California	17,300
MacMillan Ring-Free Oil Co. Inc.	
Long Beach, California	11,000
Norphlet, Arkansas	5,880
Total	16,880
V G S Corp.	
Southland Oil Co.	
Sandersville, Mississippi	11,000
Lumberton, Mississippi	5,800
Total	16,800
Ultramar Co. Ltd.	
Golden Eagle Refining Co. Inc.	
Carson, California	16,170
Tomlinson Refining Inc.	
Pioneer Refining Ltd.	
Nixon, Texas	15,000
CPI Oil & Refining Inc.	
Lake Charles, Louisiana	14,000
Gary Energy Co.	
Gary Western Co.[20]	
Fruita, Colorado	13,100
Gladieux Refinery Inc.	
Fort Wayne, Indiana	12,900

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Hermes Products Co.	
Wyoming Refining Co.	
Newcastle, Wyoming	12,555
Petraco-Valley Oil & Refining Co.	
Brownsville, Texas	12,300
Tonkawa Refining Co.	
Arnett, Oklahoma	12,000
World Oil Co.	
Sunland Refining Corp.	
Bakersfield, California	12,000
Celeron Oil & Gas Co.[21]	
Mermentau, Louisiana	11,000
Total	**801,866**
Companies with a Capacity 10,000 B/CD or Less	
Demenno-Kerdoon	
Compton, California	10,000
Mitchell Energy Corp.[22]	
Liquid Energy Corp.	
Bridgeport, Texas	10,000
San Joaquin Refining Co.	
Bakersfield, California	10,000
Howell Corp.	
Howell Hydrocarbons Inc.	
San Antonio, Texas	9,900
Moore & Munger Inc.	
Cross Oil & Refining Co.[23]	
Smackover, Arkansas	9,400
Sierra Anchor/Sierra Energy Association	
Anchor Refining Co. Inc.	
McKittrick, California	9,000
Canal Refining Co.	
Church Point, Louisiana	8,000
Caribou-Four Corners Oil Co.	
Woods Cross, Utah	8,000
Laketon Refining Corp.[24]	
Laketon, Indiana	7,900
Vicksburg Refining Inc.	
Vicksburg, Mississippi	7,900
Allied Materials Corp.	
Stroud, Oklahoma	7,500
Mallard Resources	
Gueydan, Louisiana	7,400
Witco Chemical Corp.	
Bradford, Pennsylvania	6,841
Huntway Refining Co. of	
Northern California	
Van Nuys, California	6,750
Claiborne Gasoline Co.	
Lisbon, Louisiana	6,500
Simmons Oil Co.	
Simmons Refining Corp	
Great Falls, Montana	6,300
Arizona Fuel Corp.	
Fredonia, Arizona	6,000
Morrison Petroleum Co.	
Woods Cross, Utah	6,000
Thriftway Oil Co.	
Bloomfield, New Mexico	4,750
Graham, Texas	1,184
Total	5,934
Lakeside Refining Co.	
Kalamazoo, Michigan	2,700
Crystal Refining Co.	
Carson City, Michigan	3,000
Total	5,700
Flying J Inc.	
Cutbank, Montana	5,600

See footnotes at end of table.

Table 4. Refiner's Operable Crude Oil Distillation Capacity as of January 1, 1983 (continued)

Refiner	Barrels Per Calendar Day
Somerset Refinery Inc.	
Somerset, Kentucky	5,500
Warrior Asphalt Co. of Alabama	
Holt, Alabama	5,500
Huntway Refining Co.	
Wilmington, California	4,750
Kenco Refining Inc.	
Wolf Point, Montana	4,700
Nevada Refining Co.	
Tonopah, Nevada	4,500
Calumet Industries Inc.	
Calumet Refining Co.	
Princeton, Louisiana	4,400
Oxnard Refinery	
Oxnard, California	4,000
Thagard Oil Co.	
Lunday-Thagard Oil Co.	
South Gate, California	3,700
Eddy Refining Co.	
Houston, Texas	3,250
Crystal Oil Co.[25]	
Stephens, Arkansas	3,200
Port Petroleum	
Stonewall, Louisiana	3,200
B-T Energy Corp.	
Louisville, Kentucky	3,000
GNC Energy Corp.	
Greensboro, North Carolina	3,000
Young Refining Corp.	
Douglasville, Georgia	2,700
Petromax	
Houston, Texas	2,000
Kentucky Oil & Refining Co.	
Troy, Indiana	1,000
Betsy Lane, Kentucky	600
Total	1,600
Flint Chemical Co.	
San Antonio, Texas	1,500
Silver Eagle Refining Co.	
La Barge, Wyoming	1,500
Moreco Energy Inc.	
McCook, Illinois	1,000
Petrolite Corp.	
Kilgore, Texas	1,000
Shore Inc.	
Kilgore, Texas	550
American Refining Group Inc.	
Indianola, Pennsylvania	200
Mountaineer Refining Co. Inc.	
La Barge, Wyoming	200
Total	**225,575**
United States Total	**16,859,337**

[1] Formerly Coastal Corp.
[2] Merged with Gulf States Oil & Refining Co.
[3] Formerly Cotton Valley Solvents Co.
[4] Idle since 1974
[5] Formerly Earth Resources Co.
[6] Formerly CRA, Inc.
[7] Formerly Independent Refining Corp.
[8] Formerly Little America Refining Co.
[9] Formerly Tesoro-Alaskan Petroleum Corp.
[10] Formerly Coral Petroleum Inc.
[11] Formerly Coral Petroleum Inc.
[12] Formerly Conoco Inc.
[13] Formerly Texas Independent Corp.
[14] Formerly Western Refining Corp.
[15] Formerly Kern County Refinery Inc.
[16] Formerly E-Z Serv Refining Inc.
[17] Formerly La Jet Inc.
[18] Formerly Shell Oil Co.
[19] Formerly American Ultramar Ltd.
[20] Formerly Gary Refining Co.
[21] Formerly Slapco
[22] Formerly Mitchell Energy & Development
[23] Formerly Cross Oil & Refining Co. of Arkansas
[24] Formerly Laketon Asphalt Refining Co.
[25] Formerly Berry Petroleum Co.

Source: Form EIA-820 (Formerly EIA-177)

Table 5. Input/Production of Petroleum Products at Refineries and Blending Plants by PAD District, Actual 1982 and Projected 1983 and 1984 (Barrels Per Calendar Day)

Input Production	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V			United States		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
Input																		
Crude Oil (incl lease condensate)	1,196,403	1,162,178	1,165,345	2,778,025	2,908,284	2,983,357	5,362,710	5,487,052	5,926,718	415,929	438,948	459,305	2,020,510	2,205,934	2,248,247	11,773,575	12,202,396	12,782,972
Low Sulfur	NA	587,021	577,515	NA	1,762,677	1,811,013	NA	2,995,629	2,844,440	NA	218,073	238,146	NA	304,547	220,855	NA	5,867,947	5,691,969
Medium Sulfur	NA	66,960	73,500	NA	246,497	246,967	NA	302,587	436,747	NA	109,880	109,995	NA	541,518	628,592	NA	1,267,442	1,495,801
High Sulfur	NA	508,197	514,330	NA	899,110	925,377	NA	2,188,836	2,645,531	NA	110,995	111,164	NA	1,359,869	1,398,800	NA	5,067,007	5,595,202
Natural Gas Plant Liquids	9,373	6,497	5,852	164,425	119,786	118,921	287,696	369,579	387,717	17,614	12,633	13,122	36,101	27,680	23,160	515,208	536,175	548,772
Other Hydrocarbons Hydrogen Alcohol	4,277	3,489	3,829	7,260	9,672	8,686	20,932	81,507	103,663	2,079	3,966	4,112	17,852	37,742	38,340	52,400	136,376	158,630
Unfinished Oils (net)	94,671	157,890	151,826	37,121	49,684	45,278	215,005	282,686	288,567	—12,773	—5,995	—4,765	15,041	—15,738	—10,710	349,066	468,527	470,196
Gasoline Blending Components (net)	13,863	39,772	20,711	46,123	64,452	63,800	96,501	78,311	117,830	1,493	4,837	4,927	12,233	6,456	11,767	170,214	193,828	219,035
Total Input	**1,318,587**	**1,369,826**	**1,347,563**	**3,032,954**	**3,151,878**	**3,220,042**	**5,982,844**	**6,299,135**	**6,824,495**	**424,342**	**454,389**	**476,701**	**2,101,737**	**2,262,074**	**2,310,804**	**12,860,463**	**13,537,302**	**14,179,605**
Production																		
Finished Motor Gasoline	623,052	650,922	620,286	1,733,416	1,831,540	1,870,416	2,813,194	2,831,851	3,040,565	226,186	226,389	237,577	940,069	1,017,464	1,015,418	6,335,918	6,558,166	6,784,262
Finished Leaded	260,860	278,400	233,290	880,082	875,569	852,904	1,276,715	1,131,326	1,178,320	146,496	143,275	147,445	429,088	442,019	423,685	2,993,241	2,870,589	2,835,644
Finished Unleaded	362 192	372,522	386,996	853,334	955,971	1,017,512	1,536,479	1,700,525	1,862,245	79,690	83,114	90,132	510,981	575,445	591,733	3,342,677	3,687,577	3,948,618
Jet Fuel	55,509	38,409	51,764	149,800	149,398	170,252	484,408	568,932	592,708	29,650	35,944	40,121	258,710	279,415	283,082	978,077	1,072,098	1,137,927
Naphtha-Type	20,830	13,308	25,863	30,989	35,208	35,618	85,096	113,193	118,875	13,247	15,027	19,156	50,384	51,600	51,844	200,545	228,336	251,356
Kerosene-Type	34,679	25,101	25,901	118,811	114,190	134,634	399,312	455,739	473,833	16,403	20,917	20,965	208,326	227,815	231,238	777,532	843,762	886,571
Kerosene	7 488	12,917	13,142	19,578	37,455	31,803	80,740	79,305	79,263	1,529	3,200	3,200	5,562	44,339	39,769	114,896	177,216	167,177
Distillate Fuel Oil	288 967	294,228	282,250	654,619	617,999	637,379	1,225,164	1,217,812	1,337,615	111,066	114,262	120,156	326,326	321,057	322,793	2,606,142	2,565,358	2,700,193
Residual Fuel Oil	144,093	133,489	132,729	105,556	99,883	102,817	472,605	415,614	463,159	11,784	13,913	13,915	335,441	315,705	348,619	1,069,479	978,604	1,061,239
Asphalt and Road Oil	69,126	72,506	77,340	101,351	101,680	89,906	90,789	89,114	103,303	19,290	21,582	22,328	48,255	58,804	61,734	328,811	343,686	354,611
Lubricating Oils	19,156	28,515	27,914	27,252	31,243	32,390	81,649	97,152	102,292	759	850	850	12,668	15,340	15,640	141,485	173,100	179,086
Wax	3,238	3,668	3,814	1,290	1,566	1,585	7,238	9,558	8,458	282	560	560	2,019	2,800	2,700	14,068	18,152	17,117
Petroleum Coke	38,197	7,727	7,299	102,529	51,387	51,854	152,904	94,330	127,399	10,326	4,652	4,652	105,737	84,590	85,450	409,693	242,686	276,654
Special Naphthas	455	1,030	925	11,066	17,626	18,220	35,214	70,584	77,764	151	150	150	3,603	7,399	7,689	50,488	96,789	104,748
Liquefied Petroleum Gases	44,285	43,863	45,951	70,526	74,586	75,479	116,052	218,152	240,153	2,321	9,285	9,988	36,756	29,477	33,007	269,940	375,363	404,578
All Other Products[2]	85,800	95,681	99,339	179,827	155,661	155,650	648,317	688,456	739,210	17,967	10,691	10,458	140,159	105,729	111,107	1,072,071	1,056,218	1,115,764
Total Production	**1,379,366**	**1,382,955**	**1,362,753**	**3,156,810**	**3,170,024**	**3,237,751**	**6,208,274**	**6,380,860**	**6,911,889**	**431,311**	**441,478**	**463,955**	**2,215,305**	**2,282,119**	**2,327,008**	**13,391,068**	**13,657,436**	**14,303,356**

[1] Low Sulfur 0.50% and under, by weight
Medium Sulfur 0.51% to 1.00% wt, by weight.
High Sulfur Over 1.00%, by weight.

[2] Includes finished aviation gasoline, miscellaneous products, petrochemical feedstocks and still gas.

NA = Not Available.

Note Totals may not equal sum of components due to independent rounding.

Source 1982 Actual - Form EIA-87.
1983, 1984 Projections - Form EIA-820 (Formerly EIA-177).

Table 6. Working Storage Capacity[1] at Refineries and Gasoline Blending Plants by PAD District and State as of January 1, 1983 (Thousands of Barrels)

District and State	Crude Oil	Products													Total Crude Oil and Products
		Motor Gasoline			Gasoline Blending Components	Middle Distillates	Residual Fuel Oil	Asphalt and Road Oil	Lubricating Oils	Propane/ Propylene	Butane/ Butylene	Jet Fuel		All Other Products[2]	Total Products	
		Finished Leaded	Finished Unleaded	Total								Naphtha-Type	Kerosene-Type			
Delaware, Maryland	3,064	275	542	817	1,301	2,633	119	945	0	489	33	0	0	2,678	9,015	12,079
Florida, Georgia, Virginia	2,098	312	404	716	569	908	473	376	0	224	77	0	0	250	3,593	5,691
New Jersey	8,594	1,245	1,878	3,123	3,971	8,068	3,150	1,097	810	244	407	0	1,114	6,747	28,731	37,325
New York	1,128	362	244	606	100	855	1,439	193	0	58	55	158	291	744	4,499	5,627
North Carolina	0	96	22	118	55	47	0	0	0	0	0	0	0	3	223	223
Pennsylvania	10,525	2,958	2,327	5,285	2,205	5,549	3,347	1,011	2,298	109	1,050	441	981	5,563	27,839	38,364
West Virginia	264	93	56	149	0	119	57	0	339	0	0	0	0	0	664	928
PAD District I Total	**25,673**	**5,341**	**5,473**	**10,814**	**8,201**	**18,179**	**8,585**	**3,622**	**3,447**	**1,124**	**1,622**	**599**	**2,386**	**15,985**	**74,564**	**100,237**
Illinois	7,497	2,847	2,888	5,735	5,873	7,160	1,252	1,712	963	800	950	0	1,554	10,612	36,611	44,108
Indiana	3,157	1,238	1,585	2,823	4,243	4,622	2,867	1,621	570	33	844	750	399	5,426	24,198	27,355
Kansas	3,030	2,720	1,006	3,726	2,860	3,776	994	1,053	136	2,673	648	0	226	2,477	18,569	21,599
Kentucky, Tennessee	2,040	682	808	1,490	590	1,300	794	1,163	155	520	51	226	431	1,846	8,566	10,606
Michigan	1,090	680	520	1,200	276	1,790	872	851	0	1,160	486	67	26	1,162	7,890	8,980
Minnesota, Wisconsin	2,917	1,593	654	2,247	727	2,394	913	2,948	0	34	92	57	69	763	10,244	13,161
Missouri, Nebraska	346	433	418	851	844	1,187	165	230	0	19	28	120	0	630	4,074	4,420
North Dakota	293	244	264	508	609	744	72	0	0	3	25	60	40	115	2,176	2,469
Ohio	2,914	2,102	1,554	3,656	2,093	2,563	644	1,143	162	545	1,454	84	661	724	13,729	16,643
Oklahoma	4,034	2,951	1,976	4,927	2,024	5,681	1,039	735	910	271	389	556	499	3,302	20,333	24,367
PAD District II Total	**27,318**	**15,490**	**11,673**	**27,163**	**20,139**	**31,217**	**9,612**	**11,456**	**2,896**	**6,058**	**4,967**	**1,920**	**3,905**	**27,057**	**146,390**	**173,708**
Alabama	2,809	259	300	559	610	601	864	475	0	9	12	284	275	300	3,989	6,798
Arkansas	1,263	104	149	253	138	651	90	638	117	2	6	14	0	4	1,913	3,176
Louisiana	22,201	4,803	4,039	8,842	10,265	14,881	8,504	1,183	2,662	3,034	5,083	716	3,345	18,137	76,652	98,853
Mississippi	3,748	1,344	917	2,261	1,798	2,520	895	659	0	54	106	120	800	749	9,962	13,710
New Mexico	897	220	159	379	546	653	181	343	0	7	44	291	56	694	3,194	4,091
Texas	53,785	9,829	12,459	22,288	22,045	23,327	11,363	2,448	7,578	6,117	6,651	2,374	5,114	63,909	173,214	226,999
PAD District III Total	**84,703**	**16,559**	**18,023**	**34,582**	**35,402**	**42,633**	**21,897**	**5,746**	**10,357**	**9,223**	**11,902**	**3,799**	**9,590**	**83,793**	**268,924**	**353,627**
Colorado	389	536	202	738	510	430	646	395	0	4	4	41	115	578	3,461	3,850
Montana	1,292	740	408	1,148	1,513	1,553	229	1,181	0	18	185	78	211	1,500	7,616	8,908
Utah	1,266	687	391	1,078	1,049	1,114	391	374	0	140	40	115	145	519	4,965	6,231
Wyoming	1,621	1,290	707	1,997	1,487	1,753	788	2,307	33	12	131	92	149	722	9,471	11,092
PAD District IV Total	**4,568**	**3,253**	**1,708**	**4,961**	**4,559**	**4,850**	**2,054**	**4,257**	**33**	**174**	**360**	**326**	**620**	**3,319**	**25,513**	**30,081**
Alaska	1,088	117	77	194	549	535	818	31	0	5	20	229	342	0	2,723	3,811
California	35,234	4,673	7,208	11,881	12,391	7,228	16,756	2,185	977	399	1,265	1,206	4,223	22,834	81,345	116,579
Washington	7,481	1,303	1,215	2,518	2,529	1,677	1,465	479	0	17	176	0	840	3,386	13,087	20,568
Other States[3]	2,317	167	93	260	248	155	718	518	0	17	74	106	351	52	2,499	4,816
PAD District V Total	**46,120**	**6,260**	**8,593**	**14,853**	**15,717**	**9,595**	**19,757**	**3,213**	**977**	**438**	**1,535**	**1,541**	**5,756**	**26,272**	**99,654**	**145,774**
United States Total	**188,382**	**46,903**	**45,470**	**92,373**	**84,018**	**106,474**	**61,905**	**28,294**	**17,710**	**17,017**	**20,386**	**8,185**	**22,257**	**156,426**	**615,045**	**803,427**

[1] Working Storage Capacity - the difference in volume between the maximum safe fill capacity and tank bottoms.

[2] All Other Products includes products from natural gas processing plants, other hydrocarbons, hydrogen, alcohol, unfinished oils, finished aviation gasoline, special naphthas, kerosene, wax, petroleum coke, still gas, liquefied gases, petrochemical feedstocks and miscellaneous products.

[3] Arizona, Hawaii, Nevada, and Oregon.

Note: Storage Capacity includes shutdown refineries.

Source: Form EIA-820 (Formerly EIA-177).

Table 7. Shell Storage Capacity[1] at Refineries and Gasoline Blending Plants by PAD District and State as of January 1, 1983
(Thousands of Barrels)

		Products														
District and State	Crude Oil	Motor Gasoline			Gasoline Blending Components	Middle Distillates	Residual Fuel Oil	Asphalt and Road Oil	Lubricating Oils	Propane/ Propylene	Butane/ Butylene	Jet Fuel		All Other Products[2]	Total Products	Total Crude Oil and Products
		Finished Leaded	Finished Unleaded	Total								Naphtha-Type	Kerosene-Type			
Delaware Maryland	3 550	312	617	929	1,466	3 001	131	1,070	0	579	36	0	0	3,054	10,266	13,816
Florida Georgia Virginia	2 464	363	472	835	685	1 053	554	401	0	239	88	0	0	321	4,176	6,640
New Jersey	10 364	1 557	2 329	3,886	5 227	9,018	3,656	1,270	900	300	519	0	1,251	8,121	34,148	44,512
New York	1 255	381	257	638	105	906	1 535	226	0	61	58	179	307	783	4,798	6,053
North Carolina	0	107	24	131	56	52	0	0	0	0	0	0	0	3	242	242
Pennsylvania	12 236	3 528	2 863	6 391	2,557	6 429	3 758	1,168	2,343	116	1,097	482	1,232	6,302	31,875	44,111
West Virginia	327	113	65	178	0	147	77	0	360	0	0	0	0	0	762	1,089
PAD District I Total	**30,196**	**6,361**	**6,627**	**12,988**	**10,096**	**20,606**	**9,711**	**4,135**	**3,603**	**1,295**	**1,798**	**661**	**2,790**	**18,584**	**86,267**	**116,463**
Illinois	8 576	3 227	3,350	6 577	6 596	7 822	1 348	1 817	996	852	1,009	0	1 699	11 622	40 338	48 914
Indiana	3 604	1 363	1,741	3 104	4 772	4 995	3 080	1 786	630	40	909	857	449	6,267	26 889	30,493
Kansas	3 331	3 007	1,172	4 179	3 478	4 347	1 117	1 156	151	2 684	691	0	250	3,676	21,729	25,060
Kentucky Tennessee	2 178	722	860	1 582	626	1 388	834	1,231	163	548	54	242	454	1,951	9,073	11,251
Michigan	1 161	744	553	1 297	306	1 886	911	889	0	1,404	572	70	28	1 235	8 598	9 759
Minnesota Wisconsin	3 252	1 709	719	2 428	737	2,540	975	3 109	0	38	95	60	73	831	10,886	14 138
Missouri Nebraska	461	505	489	994	1 163	1 756	236	330	0	23	38	170	0	900	5 610	6,071
North Dakota	362	308	333	641	1 034	1 005	88	0	0	4	35	86	60	164	3 117	3,479
Ohio	3 204	2 346	1,799	4 145	2 308	2 816	689	1 223	180	602	1 539	88	725	785	15,100	18 304
Oklahoma	4 803	3 328	2,289	5 617	2 177	6 288	1 252	796	944	285	431	607	543	3,709	22,649	27 452
PAD District II Total	**30,932**	**17,259**	**13,305**	**30,564**	**23,197**	**34,843**	**10,530**	**12,337**	**3,064**	**6,480**	**5,373**	**2,180**	**4,281**	**31,140**	**163,989**	**194,921**
Alabama	3 217	321	416	737	715	718	1 024	609	0	10	15	350	325	350	4 853	8,070
Arkansas	1,353	116	166	282	148	704	100	699	126	2	7	15	0	5	2,088	3 441
Louisiana	27 482	5 698	4 932	10 630	11 892	17 389	9 334	1 387	2,890	3 373	5 423	813	3 880	20,620	87,631	115 113
Mississippi	4 192	1,458	1 029	2 487	1,910	2 754	1 010	712	0	58	112	141	900	815	10,899	15 091
New Mexico	993	270	208	478	586	723	195	351	0	7	44	325	58	743	3.510	4 503
Texas	63 529	11 798	14,539	26 337	25 767	26.449	13 103	2 738	8 494	7 092	7,786	2,653	6 142	73,916	200,477	264 006
PAD District III Total	**100,766**	**19,661**	**21,290**	**40,951**	**41,018**	**48,737**	**24,766**	**6,496**	**11,510**	**10,542**	**13,387**	**4,297**	**11,305**	**96,449**	**309,458**	**410,224**
Colorado	445	575	221	796	556	460	688	410	0	4	4	47	122	625	3,712	4 157
Montana	1 454	819	454	1 273	1 635	1 698	248	1 292	0	19	194	88	236	1 704	8 387	9 841
Utah	1 469	781	446	1,227	1 204	1 274	438	413	0	155	57	145	183	568	5,664	7,133
Wyoming	1,726	1,452	795	2 247	1 672	1 870	830	2,517	37	13	137	100	161	787	10,371	12 097
PAD District IV Total	**5,094**	**3,627**	**1,916**	**5,543**	**5,067**	**5,302**	**2,204**	**4,632**	**37**	**191**	**392**	**380**	**702**	**3,684**	**28,134**	**33,228**
Alaska	1 153	126	81	207	581	562	848	33	0	5	20	242	356	0	2,854	4 007
California	41 245	5,371	8,299	13,670	14 030	8,109	18 430	2 410	1,043	445	1,381	1 321	4,735	26,098	91,672	132,917
Washington	8 504	1 430	1 364	2 794	2,833	1 819	1 599	509	0	20	195	0	937	3 771	14 477	22 981
Other States[3]	2 395	179	99	278	265	160	745	604	0	22	87	108	375	56	2 700	5 095
PAD District V Total	**53,297**	**7,106**	**9,843**	**16,949**	**17,709**	**10,650**	**21,622**	**3,556**	**1,043**	**492**	**1,683**	**1,671**	**6,403**	**29,925**	**111,703**	**165,000**
United States Total	**220,285**	**54,014**	**52,981**	**106,995**	**97,087**	**120,138**	**68,833**	**31,156**	**19,257**	**19,000**	**22,633**	**9,189**	**25,481**	**179,782**	**699,551**	**919,836**

[1] Shell Storage Capacity - the design capacity of the tank

[2] All Other Products includes products from natural gas processing plants other hydrocarbons, hydrogen alcohol, unfinished oils finished aviation gasoline special naphthas, kerosene, wax petroleum coke still gas, liquefied refinery gases petrochemical feedstocks and miscellaneous products

[3] Arizona Hawaii Nevada and Oregon

Note Storage Capacity includes shutdown refineries

Source Form EIA-820 (Formerly EIA-177)

Table 8. Operable Capacity of Petroleum Refineries, January 1, 1981 to January 1, 1984 (Barrels Per Stream Day, Except Where Noted)

PAD District	Charge Capacity								Production Capacity					
	Crude Distillation	Vacuum Distillation	Thermal Operation	Catalytic Cracking (Fresh)	Catalytic Cracking (Recycle)	Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating	Alkylation	Asphalt	Aromatics/ Isomerization	Lubricating Oils	Hydrogen (MMCFD)	Petroleum Coke[1]
As of January 1, 1981	19,763,212	7,033,094	1,587,100	5,542,500	593,665	4,097,912	909,230	8,486,921	973,520	764,879	429,370	234,022	2,054	276,005
As of January 1, 1982	19,018,024	7,197,190	1,781,600	5,473,600	562,295	3,966,260	892,130	8,539,385	984,380	740,339	451,605	241,896	1,955	267,025
As of January 1, 1983	17,870,694	7,180,258	1,715,400	5,402,400	488,225	3,917,675	883,130	8,354,422	960,050	721,636	449,042	241,058	2,298	295,780
As of January 1, 1984	17,494,450	7,025,568	1,798,500	5,382,900	494,375	3,940,335	900,130	8,787,787	952,580	734,227	448,142	242,594	13,384	323,730
Projected Net Change	-376,244	-154,690	+83,100	-19,500	+6,150	+22,660	+17,000	+433,365	-7,470	+12,591	-900	+1,536	+11,086	+27,950
PAD District I	1,741,175	853,880	103,500	629,300	88,300	397,650	79,440	1,070,000	72,300	157,700	39,872	46,332	11,120	15,051
Projected Net Change	+2,500	0	+10,000	0	0	+12,600	0	+17,500	0	0	0	+800	+11,000	0
PAD District II	3,751,253	1,374,460	299,400	1,372,200	108,100	965,050	135,690	1,677,600	272,600	236,193	84,545	36,300	140	71,194
Projected Net Change	+2,400	+800	+23,000	+46,500	+6,150	-15,000	0	+3,000	-4,570	+1,010	0	+400	0	+5,900
PAD District III	8,040,382	3,078,318	837,300	2,491,300	215,525	1,780,355	272,700	4,372,250	444,400	191,526	286,925	136,340	1,096	131,115
Projected Net Change	-377,699	-165,490	+47,100	-67,000	0	+19,160	+2,000	+368,900	-2,900	+9,111	-900	+336	+135	+22,050
PAD District IV	619,950	195,010	31,500	190,400	32,600	118,150	10,900	240,800	30,580	32,650	9,500	1,830	26	7,350
Projected Net Change	+2,000	0	0	0	0	+900	+6,000	0	0	0	0	0	+6	0
PAD District V	3,341,690	1,523,900	526,800	699,700	49,850	679,130	401,400	1,427,137	132,700	116,158	27,300	21,792	1,002	99,020
Projected Net Change	-5,445	+10,000	+3,000	+1,000	0	+5,000	+9,000	+43,965	0	+2,470	0	0	-55	0

Conversion factor: 5 barrels/short ton.

Source: Form EIA-820 (Formerly EIA-177)

Table 9. Refinery Capacity and Utilization by PAD District, by Month, 1982
(Thousand barrels per day, except where noted)

District	January	February	March	April	May	June	July	August	September	October	November	December
PAD District I	1,825	1,825	1,810	1,796	1,807	1,807	1,807	1,807	1,743	1,743	1,743	1,766
Operating	1,663	1,614	1,614	1,663	1,609	1,674	1,629	1,578	1,510	1,420	1,510	1,441
Idle	162	211	196	133	198	133	178	229	233	323	233	324
PAD District II	4,035	3,998	3,997	3,998	3,985	3,741	3,738	3,608	3,608	3,608	3,611	3,585
Operating	3,753	3,766	3,742	3,692	3,527	3,607	3,563	3,523	3,457	3,457	3,389	3,394
Idle	282	232	256	306	458	134	174	164	151	151	221	191
PAD District III	8,271	8,258	8,233	8,220	8,224	7,937	7,903	7,901	7,885	8,105	8,091	7,977
Operating	7,278	7,239	7,223	7,235	7,190	7,180	7,282	7,303	7,230	7,418	7,325	7,202
Idle	993	1,019	1,010	985	1,034	757	621	598	655	687	766	775
PAD District IV	635	634	630	630	630	629	608	608	597	597	589	589
Operating	603	614	588	567	587	600	581	589	589	589	588	580
Idle	32	20	42	63	43	29	27	19	8	8	2	10
PAD District V	3,123	3,129	3,129	3,125	3,132	3,148	3,148	3,168	3,169	3,169	3,159	3,159
Operating	2,806	2,819	2,875	2,874	2,891	2,919	2,930	2,904	2,895	2,895	2,904	2,939
Idle	317	310	254	251	241	229	218	264	274	274	255	220
United States Total	**17,890**	**17,844**	**17,800**	**17,767**	**17,778**	**17,261**	**17,203**	**17,171**	**17,001**	**17,221**	**17,193**	**17,076**
Operating	16,103	16,053	16,042	16,030	15,804	15,979	15,985	15,896	15,680	15,779	15,716	15,556
Idle	1,787	1,792	1,758	1,737	1,974	1,281	1,218	1,275	1,321	1,442	1,477	1,520
Gross Input	11,985	11,611	11,659	11,769	12,228	12,936	12,890	12,192	12,558	12,155	12,145	11,898
Operating Ratio[1] (percent)	67.0	65.1	65.5	66.2	68.8	74.9	74.9	71.0	73.9	70.6	70.6	69.7

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[1] Represents gross input divided by operable capacity, at the beginning of the month.

Note: Total may not equal sum of components due to independent rounding.

Source: Form EIA-87.

Table 10. Refineries Shutdown During 1982

District/Refinery	Location	Crude Distillation Capacity (B/CD)	Total Downstream Capacity (B/SD)	Month of Last Operation	Month Shutdown	Years in Operation
PAD District I						
Amoco Oil Co.	Baltimore, Maryland	15,000	0	1/82	3/82	25+
Ashland Oil, Inc.	Buffalo, New York	64,000*	87,200	7/82	9/82	25+
ELK Refining Co., div. of Pennzoil Co. Inc.	Falling Rock, West Virginia	5,600	2,000	12/82	1/83	25+
Seminole Refining, Inc.	St. Marks, Florida	15,000	10,000	12/81	4/82	25+
Total		**99,600**	**99,200**	——	——	——
PAD District II						
Amoco Oil Co.	Sugar Creek, Missouri	104,000	185,500	5/82	6/82	25+
Ashland Oil, Inc.	Findlay, Ohio	20,400*	12,000	1/82	2/82	25+
CRA, Inc.	Phillipsburg, Kansas	26,400*	32,100	8/82	12/82	25+
CRA, Inc.	Scottsbluff, Nebraska	5,600	3,650	5/82	6/82	25+
Dillman Oil Recovery, Inc.	Oblong, Illinois	1,200	0	1/81	2/82	4
E-Z Serv Refining, Inc.	Shallow Water, Kansas	9,500	0	4/81	2/82	25+
Energy Cooperative, Inc.	East Chicago, Indiana	126,000	190,000	5/81	6/82	25+
Flying J Inc.	Williston, North Dakota	4,250	3,000	12/82	1/83	25+
Industrial Fuel & Asphalt of Indiana, Inc.	Hammond, Indiana	7,600	0	12/81	6/82	25+
Kentucky Oil & Refining Co.	Betsy Lane, Kentucky	3,000*	0	2/81	2/82	25+
Mid-America Refining Co. Inc.	Chanute, Kansas	3,000	1,800	3/81	7/82	25+
Northland Oil & Refining Co.	Dickinson, North Dakota	5,000	0	2/81	2/82	7
Okmulgee Refining Co.	Okmulgee, Oklahoma	25,000	13,200	6/82	1/83	25+
Phillips Petroleum Co.	Kansas City, Kansas	80,000	156,700	8/82	9/82	25+
Texaco, Inc.	West Tulsa, Oklahoma	50,000	89,000	3/82	7/82	25+
Texas American Petrochemical Inc.	West Branch, Michigan	11,500	3,200	9/81	2/82	25+
Total		**482,450**	**690,150**	——	——	——

See footnotes at end of table.

Table 10. Refineries Shutdown During 1982 (continued)

District/Refinery	Location	Crude Distillation Capacity (B/CD)	Total Downstream Capacity (B/SD)	Month of Last Operation	Month Shutdown	Years in Operation
PAD District III						
Bayou State Oil Corp.	Hosston, Louisiana	3,000	0	1/81	3/82	25+
Brio Refining Inc.	Friendswood, Texas	12,500	0	9/82	1/83	4
Bronco Refining Co.	Houston, Texas	2,250	0	4/81	7/82	1
Caribou-Four Corners Oil Co.	Kirtland, New Mexico	2,400	1,200	5/82	6/82	17
Clinton Manges	Palestine, Texas	6,000	0	7/81	7/82	25+
Copano Refining Co.	Ingleside, Texas	11,100	0	9/81	2/82	4
Dow Chemical U.S.A.	Freeport, Texas	190,000	143,000	8/81	6/82	1
Eagle Refining Corp.	Jacksboro, Texas	1,800	0	3/81	7/82	1
Erickson Refining Corp. (Formerly Independent Refining Corp.)	Pt. Neches, Texas	30,000*	0	12/81	6/82	4
Evangeline Refining Co.	Jennings, Louisiana	4,500	0	12/82	1/83	25+
Giant Industries, Inc.	Farmington, New Mexico	13,500	5,000	5/82	11/82	7
Independent Refining Corp.	Winnie, Texas	50,000*	63,000	10/81	6/82	23
Lake Charles Refining Co.	Lake Charles, Louisiana	28,000	0	4/81	2/82	2
Listo Refining Co.	Donna, Texas	3,500	0	7/82	12/82	4
Longview Refining Co.	Longview, Texas	14,000	14,000	12/81	4/82	25+
Natchez Refining Co.	Natchez, Mississippi	16,000	0	6/82	9/82	2
Petraco-Valley Oil & Refining Co.	Brownsville, Texas	12,300*	0	5/81	2/82	2
Placid Oil Co.	Mont Belvieu, Texas	8,500	0	1/82	7/82	2
Quitman Refining Co.	Quitman, Texas	6,600	0	4/82	6/82	4
Rio Grande Crude Refining	Brownsville, Texas	9,500	0	6/81	6/82	3
Rio Grande Recovery Systems, Inc.	Brownsville, Texas	1,000	0	5/81	2/82	2
Schulze Processing, Inc.	Tallulah, Louisiana	1,760	0	5/81	8/82	4
Sentry Refining, Inc.	Corpus Christi, Texas	25,000	0	1/82	2/82	4
Shepard Oil Co.	Jennings, Louisiana	10,000	0	5/81	2/82	4
Sooner Refining Co.	Darrow, Louisiana	8,000	32,200	1/82	2/82	2
T&S Refining, Inc.	Jennings, Louisiana	10,500	0	7/81	3/82	2
TARCO	Euless, Texas	6,000	0	12/81	3/82	20
Tipperary Refining Co.	Ingleside, Texas	7,320	0	1/82	3/82	4
Vicksburg Refining Co.	Vicksburg, Mississippi	7,900*	0	2/82	9/82	4
Wickett Refining Co.	Wickett, Texas	8,000	0	1/76	2/82	25*
Total		**510,930**	**258,400**	—	—	—

See footnotes at end of table.

Table 10. Refineries Shutdown During 1982 (continued)

District/Refinery	Location	Crude Distillation Capacity (B/CD)	Total Downstream Capacity (B/SD)	Month of Last Operation	Month Shutdown	Years in Operation
PAD District IV						
C & H Refinery, Inc.	Lusk, Wyoming	180	0	1/81	2/82	25+
Caribou-Four Corners Oil Co.	Woods Cross, Utah	7,200*	5,400	6/82	11/82	19
Glacier Park Co.	Osage, Wyoming	10,000	0	2/81	3/82	4
Husky Oil Co.	Cody, Wyoming	11,500	17,800	6/82	9/82	25+
Morrison Petroleum Co.	Woods Cross, Utah	6,300*	0	1/82	6/82	8
Sage Creek Refining Co.	Cowley, Wyoming	1,000	0	1/82	6/82	17
Texaco, Inc.	Casper, Wyoming	21,000	35,500	3/82	7/82	25+
Total		**57,180**	**58,700**	—	—	—
PAD District V						
Coastal Petroleum Co.	Paloma, California	10,200	0	8/82	1/83	3
Gibson Oil & Refining Co.	Bakersfield, California	4,600	0	3/82	4/82	3
Lunday-Thagard Oil Co.	South Gate, California	12,000*	0	3/82	6/82	14
Sabre Oil & Refining, Inc.	Bakersfield, California	10,000	0	4/81	11/82	10
United Independent Oil Co.	Tacoma, Washington	730	0	7/80	3/82	7
West Coast Oil Co.	Oildale, California	21,000	0	4/81	2/82	25+
Total		**58,530**	**0**	—	—	—
United States Total		**1,208,690**	**1,106,450**	—	—	—

B/CD = Barrels per Calendar Day
B/SD = Barrels per Stream Day
*Refineries that have moved from shutdown to idle status or resumed operations as of January 1, 1983.

Source: Form EIA-87.

Explanatory Notes

Note 1: EIA-820: Annual Refinery Report

Background

The EIA-820, *Annual Refinery Report,* collects data measuring current and projected refinery input of crude oil and other feedstocks and resultant product yields, storage capacity at the refinery location for crude oil and other products, and operable capacities of refining facilities.

In 1918, the Bureau of Mines (BOM), then in the Department of the Interior, began collecting, on a voluntary basis, refinery capacity data on Form 6-1334-A, *Capacity of Petroleum Refineries.*

In 1980, the form changed to a mandatory Energy Information Administration (EIA) Form EIA-177, *Capacity of Petroleum Refineries* under Public Law 93-275 and underwent extensive revision. Information on refining capacity was expanded to collect not only current year operations but two year projections, and refinery input/production data was added to the form.

In 1983, the form was again revised to improve the consistency and quality of the data collected by EIA and renamed Form EIA-820, *Annual Refinery Report.* Two sections previously reported monthly were added to the annual: (1) Refinery receipts of crude oil by method of transportation, and (2) Fuels consumed for all purposes. Also, the column reporting second year projections was eliminated. Based on the findings of a study conducted by the EIA, evaluating motor gasoline data collected by the Federal Highway Administration (FHWA) and the EIA blending plants were included for the first time in the universe of respondents in order to produce more accurate statistics on the production of motor gasoline.

Description of Survey

Universe

The universe consists of all petroleum refineries and blending plants (including new refineries under construction) located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Hawaiian Foreign Trade Zone, and Guam. As of January 1, 1983, there were 258 refineries and 18 blending plants located in the 50 States.

A list of respondents is maintained by monitoring the monthly Form EIA-87, *Monthly Refinery Report,* and checking newspaper and magazine articles for changes and developments in the petroleum industry such as refinery sales, mergers and new operations.

Information Collected

The main items of information collected annually are current year and next year projections for refinery input of crude oil and other feedstocks and resultant yields, working and shell storage capacity at the refinery location for petroleum products, and current year and next year projections for operable capacity of the refining facilities and output of products.

Collection Methods

Form EIA-820 forms are sent to respondents during the first week of the current report year and completed forms are required to be postmarked by the 15th day of February of that year.

Receipt of the reports are monitored using an automated respondent mailing list. Telephone follow-up calls are made to secure responses from those companies failing to report by February 15th. Data are estimated and noncompliance procedures are implemented for those companies still not reporting by close-out for the report year.

Resubmissions are required whenever an error greater than five percent of the true value is discovered by a respondent or, if requested by the EIA, to correct internal inconsistencies. In the event of a reporting error, company reports are updated after contact with the company and are to be followed-up by resubmissions. Company reports or resubmissions received after the close-out for the report year are not processed, but are filed with other respondent reports.

Imputing Missing Data

Sections 1 & 2: Projected Refinery Input/Production Data

The estimates for these sections are based on data reported on the previous year's report and the monthly Form EIA-87, *Monthly Refinery Report.* The monthly data are summed and divided by 365 days to arrive at a barrels per calendar day figure.

Section 3: Working and Shell Storage Capacity

The estimates for this section are based on previous year's data. The shell capacity is taken directly from the previous year's report. The working capacity is estimated as 92 percent of the shell capacity reported.

Section 4: Operable Capacity of Crude Oil and Downstream Facilities

The estimates for this section are based on data reported on the previous year's report and the monthly Form EIA-87, *Monthly Refinery Report.* The crude oil distillation capacity, in barrels per calendar day, is taken from the January monthly report. A barrels per stream day capacity is derived by dividing the reported capacity by .95. Downstream facilities and all projected capacities are taken from the previous year's report.

Response Rates

The initial response rate to the EIA-820 survey for 1983 was 37.0 percent. Telephone follow-up procedures produced a final response rate of 99.8 percent.

Note 2: Accuracy of the Data

There are two types of errors usually associated with data produced from a survey—sampling errors and nonsampling errors. Sampling errors are those errors that occur when survey estimates are based on a sample rather than being derived from a complete census of the frame. Nonsampling errors, sometimes referred to as biases, are those which can arise from a number of sources: (1) the inability to obtain all companies in the frame or sample (nonresponse) and the method used to account for missing data, (2) definitional difficulties and or improperly worded questions which lead to different interpretations, (3) mistakes in recording or coding the data obtained from respondents, and (4) other errors of collection, response, coverage, and estimation. Because estimates from the Form EIA-820 survey are based on a complete census of the frame of refineries and blending plants, there is no sampling error in the data presented in this report. The data, however, are subject to nonsampling errors. Data collection and editing procedures are employed in attempts to minimize misinterpretation and misreporting. Nonresponse follow-up procedures are employed to reduce the number of nonrespondents, and procedures employed to impute missing data should introduce a minimal amount of bias, given the relatively small volume of imputed data.

Note 3: Motor Gasoline Blending Plants

The following is a list of motor gasoline blending plants and their locations.

Apex Oil Co.
Baltimore, Maryland

Apex Oil Co.
Albany, New York

Apex Oil Co.
Wilmington, North Carolina

Florida Hydrocarbons Co.
Brooker, Florida

Hi-Octane Terminals
Panama City, Florida

Landsea Oil Co.
Martinez, California

Landsea Oil Co.
Pasadena, California

Long Beach Terminal Co.
Long Beach, California

Marion Petroleum Distributing Co.
Ocala, Florida

Morrison Refining
Grand Junction, Colorado

Phillips Petroleum Co.
Decatur, Illinois

Phillips Petroleum Co.
East Chicago, Indiana

Phillips Petroleum Co.
East St. Louis, Illinois

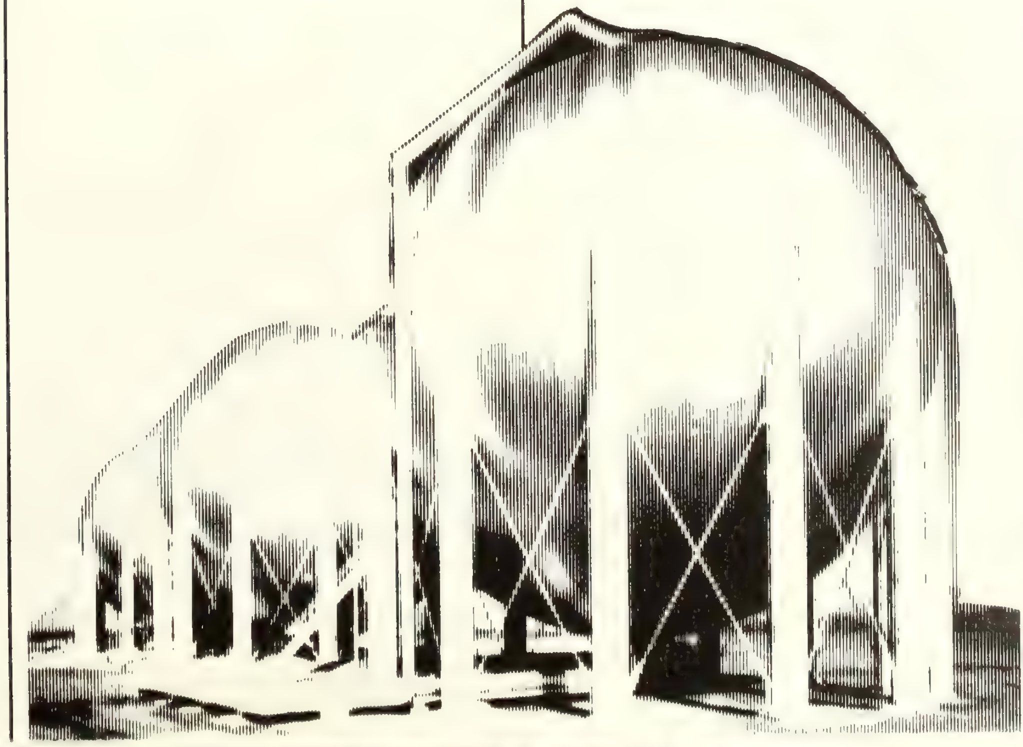
Phillips Petroleum Co.
Jefferson City, Missouri

Phillips Petroleum Co.
Kansas City, Kansas

Sergeant Oil & Gas
Houston, Texas

Southland Oil Co.
Vicksburg, Mississippi

es of Liquefied
troleum Gases



Sales of Liquefied Petroleum Gases and Ethane in 1982

In 1982, sales of liquefied petroleum gases and ethane totaled 462.9 million barrels (19.4 billion gallons) compared with the revised 1981 sales volume of 495.3 million barrels (20.8 billion gallons), a decrease of 6.5 percent. Reflecting the effects of continued conservation efforts and sluggish industrial activity, sales decreased in all use categories except internal combustion engine fuel use.

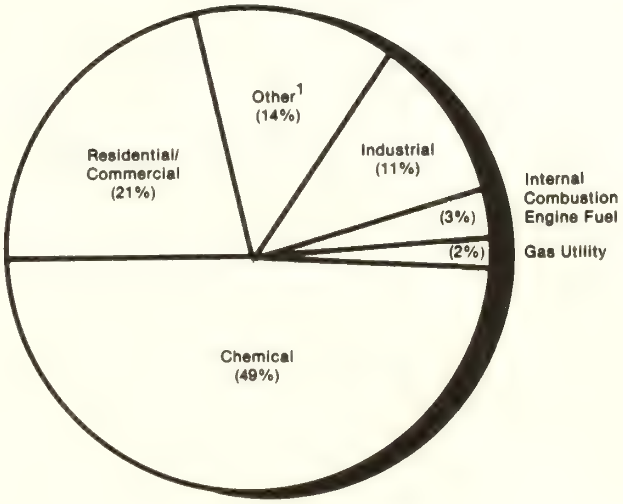
Liquefied petroleum gases for use as raw materials in chemical manufactures, the leading end use category since 1970 amounted to 228.7 million barrels (9.6 billion gallons), a decrease of 8.0 percent from the 1981 level. This category accounted for 49.4 percent of total reported sales in 1982. In the United States, liquefied petroleum gases are major raw materials in ethylene production. Total sales of ethane, primarily used as a feedstock in the production of ethylene, were 179.1 million barrels (7.5 billion gallons) in 1982, of which 75 percent was sold for chemical use. Propane, which as a feedstock yields propylene, recorded sales of 246.4 million barrels (10.4 billion gallons) in 1982, of which 29 percent was sold in the chemical feedstock market.

Sales for residential and commercial use, the second largest end use sector, registered 96.4 million barrels (4.0 billion gallons) in 1982 compared with sales of 100.4 million barrels (4.2 billion gallons) in 1981, a decrease of 4.0 percent. Suppliers attribute the decrease to the use of alternate fuels and continued conservation efforts. Combined, residential and commercial use, and chemical use accounted for 70.2 percent of total reported sales in 1982.

In 1982, sales for internal combustion engine fuel use totaled 15.3 million barrels (0.6 billion gallons), an increase of 16.3 percent over 1981. Conversion from motor gasoline to propane by private company and government owned fleet vehicles accounted for most of the growth.

Sales for industrial use rose 0.6 percent in 1982 compared with a decrease of 6.1 percent in 1981. Sales of liquefied petroleum gases to gas distribution companies for use as standby fuel amounted to 7.0 million barrels (0.3 billion gallons) in 1982, a decrease of 34.1 percent from 1981 sales. Availability of natural gas, continued conservation efforts, and use of alternate energy sources were contributing factors to the decrease. Other uses, including farm use and use as synthetic natural gas feedstock totaled 65.7 million barrels (2.8 billion gallons) in 1982, a decrease of 10.0 percent from the 1981 sales level. The effects of continued conservation efforts and milder weather in the midwest contributed to the decrease in farm use sales. The ready availability of natural gas was a major factor in lowering the sales level of liquefied petroleum gases for use as feedstock in the manufacture of synthetic natural gas.

Figure 1. Sales of Liquefied Petroleum Gases and Ethane by End Use, 1982.



[1] Includes farm use, use as synthetic natural gas feedstock, and use in secondary recovery projects.

Source: Form EIA-174.

In this report, liquefied petroleum gases include propane, normal and other butanes, isobutane, and butane-propane mixtures. Sources of these liquefied gases are natural gas processing plants, petroleum refineries, and imports.

Sales statistics contained in this section are lower than product supplied statistics for liquefied petroleum gases in other parts of the Petroleum Supply Annual. *The difference is thought to be because liquefied gases, which are imported by end users for their own consumption, are captured by product supplied statistics, but not completely captured in sales surveys, and because of under-reporting of consumption by producer (within company use).*

[illegible]

[illegible]

Table 1. Sales of Liquefied Petroleum Gases and Ethane in the United States, 1982 and 1981 (Thousands of Gallons)

Category	1982	1981	
		Revised 6/30/83	Published 7/16/82
Product Type:			
Ethane	7,521,936	7,887,777	6,008,839
Propane	10,350,718	11,123,316	10,500,566
Butane[1]	1,368,784	1,487,474	1,250,885
Butane-Propane Mixtures	200,051	304,803	301,050
United States Total	**19,441,489**	**20,803,370**	**18,061,340**
Principal Uses:			
Residential and Commercial	4,047,120	4,216,930	4,231,736
Internal Combustion Fuel	643,946	553,909	550,721
Chemical/Industrial:			
Chemical[2]	9,679,161	10,438,880	7,679,532
Industrial[3]	2,094,983	2,082,923	2,096,380
Gas Utility	318,397	446,462	438,195
Other[4]	2,657,882	3,064,266	3,064,776
United States Total	**19,441,489**	**20,803,370**	**18,061,340**

[1] Includes Isobutane.
[2] Includes use in synthetic rubber manufacture
[3] Includes refinery fuel use
[4] Includes farm uses, use as synthetic natural gas feedstock and use in secondary recovery projects.

Source Form EIA-174, "Sales of Liquefied Petroleum Gases."
Revised 1981 data. See Explanatory Note 2.

Table 2. Sales of Liquefied Petroleum Gases and Ethane, by Product type, PAD District and State, 1982 and 1981 (Thousands of Gallons)

District and State	Ethane		Propane		Butane[1]		Butane/Propane Mix		Total	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I										
New England States										
Connecticut	-	-	49,693	51,210	W	W	W	W	50,367	51,946
Maine	-	-	29,744	27,778	-	-	-	-	29,744	27,778
Massachusetts	-	W	76,059	^{R}98,592	W	W	W	W	76,631	^{R}100,033
New Hampshire	-	-	46,818	^{R}47,287	-	-	-	-	46,818	^{R}47,287
Rhode Island	-	-	W	W	W	W	33	-	11,645	10,796
Vermont	-	-	30,610	24,324	-	-	-	-	30,610	24,324
Central Atlantic States										
Delaware	-	-	31,418	33,964	-	-	-	-	31,418	33,964
Maryland and District of Columbia	W	-	W	W	-	-	169	W	72,612	78,531
New Jersey	W	W	185,271	^{R}195,448	34,806	44,402	W	W	222,273	^{R}242,767
New York	W	-	171,710	194,401	1,143	W	W	W	173,268	202,786
Pennsylvania	77,701	W	176,670	^{R}210,496	W	W	W	W	254,689	^{R}296,920
Lower Atlantic States										
Florida	48,285	67,296	267,031	317,930	73	W	283	W	315,672	385,932
Georgia	W	-	225,627	^{R}264,497	W	W	415	W	226,170	^{R}264,934
North Carolina	-	-	246,274	292,561	W	W	W	W	246,622	292,940
South Carolina	-	-	92,350	W	W	-	W	W	92,587	^{R}109,878
Virginia	W	-	104,974	^{R}114,537	W	-	-	-	105,086	^{R}114,537
West Virginia	W	W	30,720	W	-	-	W	-	95,321	126,339
Total	**191,941**	**224,584**	**1,847,582**	**^{R}2,128,758**	**38,959**	**^{R}54,861**	**3,051**	**3,489**	**2,081,533**	**^{R}2,411,692**
PAD District II										
Illinois	414,235	716,370	495,566	^{R}540,432	W	W	W	W	954,601	^{R}1,327,870
Indiana	-	W	242,012	280,993	W	W	W	W	242,551	281,985
Iowa	W	W	372,493	327,273	1,541	W	W	-	424,621	384,621
Kansas	173,185	59,938	234,344	^{R}224,412	11,082	3,823	5,810	1,078	424,421	^{R}289,251
Kentucky	W	185,672	149,728	121,002	11,774	W	W	W	252,659	308,135
Michigan	-	W	252,461	216,547	W	W	W	-	252,468	216,690
Minnesota	W	W	264,112	229,401	624	656	W	W	266,134	231,629
Missouri	W	765	317,308	^{R}285,684	W	W	W	W	317,775	^{R}287,403
Nebraska	W	W	169,417	155,989	W	W	-	-	170,100	156,456
North Dakota	W	W	49,904	W	W	-	-	-	51,366	56,441
Ohio	W	1,028,406	327,628	^{R}382,338	W	W	57,016	W	1,449,124	^{R}1,543,384
Oklahoma	63,298	49,071	210,623	^{R}175,148	12,086	5,895	777	47,740	286,784	^{R}277,854
South Dakota	-	W	79,255	69,168	-	W	-	-	79,255	69,192
Tennessee	-	-	80,908	W	W	W	W	W	81,665	58,914
Wisconsin	W	123	208,763	190,243	W	W	W	W	210,083	191,773
Total	**1,858,001**	**2,096,748**	**3,454,522**	**^{R}3,313,340**	**82,576**	**168,168**	**68,508**	**103,342**	**5,463,607**	**^{R}5,681,598**
PAD District III										
Alabama	W	W	155,324	^{R}175,844	W	W	320	410	157,161	^{R}177,840
Arkansas	W	-	144,213	145,588	W	W	W	W	145,002	146,331
Louisiana	2,096,988	^{R}1,969,851	664,835	688,164	341,091	173,512	39,554	^{R}37,766	3,142,468	^{R}2,869,293
Mississippi	-	-	157,462	^{R}174,144	466	830	1,242	1,629	159,170	^{R}176,603
New Mexico	7,794	W	86,774	73,629	W	42,054	W	W	96,625	121,314
Texas	3,364,691	^{R}3,565,294	2,785,507	^{R}3,406,296	766,181	^{R}915,352	21,521	58,470	6,937,900	^{R}7,945,412
Total	**5,470,914**	**^{R}5,540,714**	**3,994,115**	**^{R}4,463,665**	**1,110,103**	**^{R}1,132,064**	**63,194**	**^{R}100,350**	**10,638,326**	**^{R}11,436,793**
PAD District IV										
Colorado	W	W	130,158	^{R}124,010	33,055	W	W	W	164,063	^{R}144,468
Idaho	-	-	36,597	^{R}34,173	-	-	-	-	36,597	^{R}34,173
Montana	-	W	49,569	W	1,788	W	-	-	51,357	39,930
Utah	-	-	39,858	W	14,238	W	-	-	54,096	60,104
Wyoming	W	-	78,413	74,045	12,042	W	W	W	90,606	78,850
Total	**1,000**	**984**	**334,595**	**^{R}325,121**	**61,123**	**31,410**	**1**	**10**	**396,719**	**^{R}357,525**
PAD District V										
Alaska	-	-	W	5,900	-	-	W	-	7,544	5,900
Arizona	W	-	54,429	^{R}49,671	4,325	W	W	W	58,800	^{R}49,706
California	-	W	487,808	^{R}466,924	69,900	100,939	20,266	W	577,974	^{R}665,859
Hawaii	W	-	W	W	-	-	44,866	W	74,729	51,993
Nevada	-	-	34,651	32,488	W	-	W	-	34,669	32,488
Oregon	W	W	46,838	W	W	-	W	-	46,973	48,966
Washington	-	-	58,786	60,825	W	W	W	W	60,615	60,850
Total	**80**	**24,747**	**719,904**	**^{R}692,432**	**76,023**	**100,971**	**65,297**	**97,612**	**861,304**	**^{R}915,762**
United States Total	**7,521,936**	**^{R}7,887,777**	**10,350,718**	**^{R}11,123,316**	**1,368,784**	**^{R}1,487,474**	**200,051**	**^{R}304,803**	**19,441,489**	**^{R}20,803,370**

[1] Includes Isobutane

Revised See Explanatory Note 2.

Data withheld to avoid disclosure of individual company data.

Table 3. Sales of Liquefied Petroleum Gases and Ethane, by End Use, PAD District and State, 1982 and 1981 (Thousands of Gallons)

District and State	Residential and Commercial		Internal Combustion Fuel		Chemical/Industrial[1]		Gas Utility		Other[2]		Total	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I												
New England States												
Connecticut	28,493	29,214	1,674	1,641	14,826	12,089	3,030	6,205	2,344	2,797	50,367	51,946
Maine	19,948	17,049	900	W	8,402	8,425	W	W	W	1,205	29,744	27,778
Massachusetts	35,232	35,226	3,528	3,625	6,021	^{R}8,830	30,016	^{R}50,113	1,834	2,239	76,631	^{R}100,033
New Hampshire	29,487	28,980	644	631	5,756	5,694	10,681	^{R}11,779	250	203	46,818	^{R}47,287
Rhode Island	5,932	5,991	W	W	2,209	2,488	W	W	2,038	W	11,645	10,796
Vermont	20,570	18,816	433	W	2,635	W	6,405	W	567	362	30,610	24,324
Central Atlantic States												
Delaware	18,631	22,400	693	W	6,362	6,160	95	W	5,637	3,436	31,418	33,964
Maryland and District of Columbia	39,269	45,119	3,584	W	18,544	W	3,659	6,273	7,556	8,060	72,612	78,531
New Jersey	41,580	46,731	12,007	12,630	160,871	^{R}172,944	4,912	^{R}7,078	2,903	3,384	222,273	^{R}242,767
New York	123,589	131,813	10,189	9,977	26,321	45,940	3,853	4,486	9,316	10,570	173,268	202,786
Pennsylvania	87,817	90,290	15,685	14,672	136,527	^{R}165,668	285	^{R}11,307	14,375	14,983	254,689	^{R}296,920
Lower Atlantic States												
Florida	190,313	233,281	25,899	19,664	76,440	101,597	7,561	9,968	15,459	21,422	315,672	385,932
Georgia	137,303	^{R}163,710	14,725	13,264	19,088	20,838	4,797	5,944	50,257	^{R}61,178	226,170	^{R}264,934
North Carolina	124,569	137,573	10,464	8,726	22,590	30,663	3,180	5,956	85,819	110,022	246,622	292,940
South Carolina	64,461	77,126	W	4,371	7,485	^{R}8,818	W	1,869	14,734	17,694	92,587	^{R}109,878
Virginia	64,694	^{R}68,732	5,642	6,184	15,888	14,789	795	2,742	18,067	^{R}22,090	105,086	^{R}114,537
West Virginia	12,617	19,470	1,438	2,023	80,437	104,019	W	W	W	W	95,321	126,339
Total	**1,044,505**	**^{R}1,171,521**	**114,230**	**104,915**	**610,402**	**^{R}727,044**	**80,212**	**^{R}126,999**	**232,184**	**^{R}281,213**	**2,081,533**	**^{R}2,411,692**
PAD District II												
Illinois	197,257	^{R}200,107	34,915	22,858	334,574	648,550	2,700	26,450	385,155	429,905	954,601	^{R}1,327,870
Indiana	141,947	162,859	W	W	42,154	51,774	W	W	44,757	55,297	242,551	281,985
Iowa	186,195	177,950	7,485	W	76,400	69,402	26,375	W	128,166	130,347	424,621	384,621
Kansas	79,480	^{R}80,603	17,318	14,972	253,224	122,194	11,043	^{R}4,993	63,356	^{R}66,489	424,421	^{R}289,251
Kentucky	75,188	92,446	20,080	W	151,419	203,842	180	W	5,792	6,116	252,659	308,135
Michigan	161,887	146,298	19,619	W	35,458	22,100	7,167	W	28,337	27,981	252,468	216,690
Minnesota	139,132	131,737	9,058	9,348	31,909	21,993	12,097	1,324	73,938	67,227	266,134	231,629
Missouri	238,363	229,979	8,550	W	11,946	^{R}15,697	36,122	W	22,794	31,818	317,775	^{R}287,403
Nebraska	71,001	64,805	12,576	13,124	W	4,851	W	-	77,788	73,676	170,100	156,456
North Dakota	18,555	32,268	11,760	7,535	1,245	W	3,483	W	16,323	10,116	51,366	56,441
Ohio	130,446	137,388	25,022	W	279,106	^{R}256,944	290	W	1,014,260	1,125,896	1,449,124	^{R}1,543,384
Oklahoma	107,576	^{R}93,276	30,362	^{R}20,798	93,160	^{R}66,675	715	^{R}56,933	54,971	^{R}40,172	286,784	^{R}277,854
South Dakota	46,792	45,803	3,937	3,410	W	W	W	W	26,075	18,942	79,255	69,192
Tennessee	53,643	37,922	11,140	5,647	9,350	8,465	497	727	7,035	6,153	81,665	58,914
Wisconsin	138,860	133,640	W	11,972	19,213	10,078	W	183	37,185	35,900	210,083	191,773
Total	**1,786,322**	**^{R}1,767,081**	**234,688**	**^{R}182,149**	**1,348,681**	**^{R}1,508,580**	**107,984**	**^{R}97,753**	**1,985,932**	**^{R}2,126,035**	**5,463,607**	**^{R}5,681,598**
PAD District III												
Alabama	113,286	^{R}132,590	11,903	8,257	W	W	W	W	23,481	25,820	157,161	^{R}177,840
Arkansas	81,696	85,923	23,665	13,587	W	W	W	W	31,472	35,072	145,002	146,331
Louisiana	42,263	56,627	18,127	W	3,057,722	^{R}2,792,738	W	W	W	W	3,142,468	^{R}2,869,293
Mississippi	98,299	103,297	18,785	W	13,093	^{R}25,195	408	W	28,585	30,742	159,170	^{R}176,603
New Mexico	53,248	40,534	6,460	7,831	20,284	54,560	W	W	W	W	96,625	121,314
Texas	233,684	308,587	86,839	^{R}85,939	6,404,755	^{R}7,016,694	11,922	125,127	200,700	409,065	6,937,900	^{R}7,945,412
Total	**622,476**	**^{R}727,558**	**165,779**	**^{R}140,380**	**9,510,743**	**^{R}9,909,836**	**31,056**	**138,904**	**308,272**	**520,115**	**10,638,326**	**^{R}11,436,793**
PAD District IV												
Colorado	111,913	^{R}101,950	5,305	6,511	10,587	13,099	21,660	^{R}9,023	14,598	^{R}13,885	164,063	^{R}144,468
Idaho	16,061	^{R}14,414	W	W	4,994	3,952	W	W	5,370	4,929	36,597	^{R}34,173
Montana	36,369	24,878	W	3,278	4,886	1,880	W	5,847	6,243	4,047	51,357	39,930
Utah	21,235	18,972	6,197	W	3,651	10,835	15,968	W	7,045	16,159	54,096	60,104
Wyoming	40,616	35,547	9,386	7,400	9,457	11,708	19,411	10,404	11,736	13,791	90,606	78,850
Total	**226,194**	**^{R}195,761**	**28,433**	**23,410**	**33,575**	**41,474**	**63,525**	**^{R}44,069**	**44,992**	**^{R}52,811**	**396,719**	**^{R}357,525**
PAD District V												
Alaska	W	W	W	-	2,478	2,428	-	-	W	W	7,544	5,900
Arizona	W	31,308	8,239	9,149	W	W	W	W	4,633	5,962	58,800	^{R}49,706
California	219,239	^{R}217,002	71,294	67,749	214,216	298,804	14,257	23,125	58,968	59,179	577,974	^{R}665,859
Hawaii	18,911	W	W	W	W	W	W	W	W	4,786	74,729	51,993
Nevada	22,124	19,950	1,559	W	3,557	2,408	W	W	W	W	34,669	32,488
Oregon	30,196	31,078	5,357	8,782	5,469	W	W	W	W	5,772	46,973	48,966
Washington	34,199	33,584	11,108	13,147	8,731	6,850	W	W	W	W	60,615	60,850
Total	**367,623**	**^{R}355,009**	**100,816**	**103,055**	**270,743**	**^{R}334,869**	**35,620**	**38,737**	**86,502**	**84,092**	**861,304**	**^{R}915,762**
United States Total	**4,047,120**	**^{R}4,216,930**	**643,946**	**^{R}553,909**	**11,774,144**	**^{R}12,521,803**	**318,397**	**^{R}446,462**	**2,657,882**	**^{R}3,064,266**	**19,441,489**	**^{R}20,803,370**

[1] Includes sales for refinery fuel use and synthetic rubber manufacture

[2] Includes farm uses, use as synthetic natural gas feedstock, and use in secondary recovery of petroleum.

Revised. See Explanatory Note 2

Data withheld to avoid disclosing individual company data

Source: Form EIA-174, "Sales of Liquefied Petroleum Gases."

Table 4. Sales of Propane by Use, in the United States, by PAD District and State, 1982 and 1981 (Thousands of Gallons)

District and State	Residential and Commercial		Internal Combustion Fuel		Chemical/Industrial[1]		Gas Utility		Other[2]		Total	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I												
New England States												
Connecticut	28,493	29,214	1,674	1,641	14,826	12,026	3,030	6,205	1,670	2,124	49,693	51,210
Maine	19,948	17,049	900	W	8,402	8,425	W	W	W	1,205	29,744	27,778
Massachusetts	35,232	35,226	3,528	3,625	6,010	^{R}8,301	30,016	^{R}50,113	1,273	1,327	76,059	^{R}98,592
New Hampshire	29,487	28,980	644	631	5,756	5,694	10,681	^{R}11,779	250	203	46,818	^{R}47,287
Rhode Island	5,932	5,991	W	1,092	2,209	2,488	W	W	563	W	10,170	10,387
Vermont	20,570	18,816	433	360	2,635	2,257	6,405	2,529	567	362	30,610	24,324
Central Atlantic States												
Delaware	18,631	22,400	693	W	6,362	6,160	95	W	5,637	3,436	31,418	33,964
Maryland and District of Columbia	39,269	45,119	3,584	W	18,544	15,825	3,659	6,273	7,387	7,838	72,443	W
New Jersey	40,939	46,731	12,007	12,630	125,656	^{R}127,000	4,912	^{R}7,078	1,757	2,009	185,271	^{R}195,448
New York	122,820	131,415	10,189	9,977	25,607	38,086	3,853	4,486	9,241	10,437	171,710	194,401
Pennsylvania	87,817	90,290	15,685	14,672	58,826	^{R}79,904	285	10,897	14,057	14,733	176,670	^{R}210,496
Lower Atlantic States												
Florida	190,046	232,915	25,845	19,520	28,181	34,256	7,511	9,904	15,448	21,335	267,031	317,930
Georgia	136,877	^{R}163,311	14,725	13,264	19,064	20,838	4,797	5,944	50,164	^{R}61,140	225,627	^{R}264,497
North Carolina	124,569	137,573	10,464	8,726	22,534	30,321	3,180	5,956	85,527	109,985	246,274	292,561
South Carolina	64,451	77,116	W	4,371	7,258	^{R}8,818	W	W	14,734	17,694	92,350	W
Virginia	64,694	^{R}68,732	5,642	6,184	15,776	14,789	795	2,742	18,067	^{R}22,090	104,974	^{R}114,537
West Virginia	12,617	19,470	1,438	2,023	15,836	34,849	W	W	W	W	30,720	W
Total	**1,042,392**	**^{R}1,170,348**	**114,176**	**104,771**	**383,482**	**^{R}450,037**	**80,162**	**^{R}126,525**	**227,370**	**^{R}277,077**	**1,847,582**	**^{R}2,128,758**
PAD District II												
Illinois	197,257	^{R}200,107	24,194	22,798	133,612	162,851	2,700	26,450	137,803	128,226	495,566	^{R}540,432
Indiana	141,947	162,859	W	W	42,143	51,541	W	W	44,229	54,538	242,012	280,993
Iowa	186,195	177,950	7,485	W	24,273	12,063	26,375	W	128,165	130,338	372,493	327,273
Kansas	79,480	^{R}80,603	16,741	14,972	65,400	57,538	11,043	^{R}4,993	61,680	^{R}66,306	234,344	^{R}224,412
Kentucky	75,188	92,446	20,080	W	48,488	16,915	180	W	5,792	5,910	149,728	121,002
Michigan	161,887	146,298	19,619	W	35,456	21,995	7,167	W	28,332	27,943	252,461	216,547
Minnesota	139,132	131,737	9,058	9,348	31,116	21,238	12,097	1,324	72,709	65,754	264,112	229,401
Missouri	238,363	229,979	8,550	W	11,822	^{R}14,573	36,122	W	22,451	31,223	317,308	^{R}285,684
Nebraska	71,001	64,800	12,576	13,124	W	4,389	W	-	77,788	73,676	169,417	155,989
North Dakota	18,555	32,268	10,298	7,535	1,245	W	3,483	W	16,323	10,116	49,904	W
Ohio	130,446	137,388	25,022	W	46,375	^{R}35,664	290	W	125,495	186,901	327,628	^{R}382,338
Oklahoma	106,923	^{R}92,634	30,048	^{R}20,787	18,176	^{R}11,185	620	^{R}10,419	54,856	^{R}40,123	210,623	^{R}75,148
South Dakota	46,792	45,803	3,937	3,389	W	W	W	W	26,075	18,942	79,255	69,168
Tennessee	53,643	37,922	11,140	5,647	9,347	8,465	495	727	6,283	5,538	80,908	58,299
Wisconsin	138,860	133,640	W	11,972	18,955	9,989	W	149	36,123	34,493	208,763	190,243
Total	**1,785,669**	**^{R}1,766,434**	**221,614**	**^{R}181,286**	**495,248**	**434,388**	**107,887**	**^{R}51,205**	**844,104**	**^{R}880,027**	**3,454,522**	**^{R}3,313,340**
PAD District III												
Alabama	112,926	^{R}132,037	11,798	8,257	W	W	W	1,997	23,481	W	155,324	^{R}175,844
Arkansas	81,551	85,793	23,665	13,474	W	W	W	W	31,023	34,572	144,213	145,588
Louisiana	40,311	54,000	15,145	W	587,680	614,337	W	W	W	11,608	664,835	688,164
Mississippi	96,621	100,882	18,785	W	13,093	^{R}25,194	408	W	28,555	30,699	157,462	^{R}174,144
New Mexico	52,995	39,554	6,460	7,795	10,686	8,222	W	W	W	W	86,774	73,629
Texas	230,027	303,489	69,545	^{R}85,566	2,287,137	^{R}2,597,438	4,892	28,464	193,906	391,339	2,785,507	^{R}3,406,296
Total	**614,431**	**^{R}715,755**	**145,398**	**^{R}139,833**	**2,911,918**	**^{R}3,264,397**	**24,026**	**41,910**	**298,342**	**501,770**	**3,994,115**	**^{R}4,663,665**
District IV												
Colorado	96,391	^{R}85,864	5,305	6,208	6,825	9,057	7,039	^{R}8,996	14,598	^{R}13,885	130,158	^{R}124,010
Idaho	16,061	^{R}14,414	W	W	4,994	3,952	W	W	5,370	4,929	36,597	^{R}34,173
Montana	36,369	24,878	W	3,278	3,766	1,830	W	W	5,729	3,920	49,569	W
Utah	21,235	18,972	4,971	W	3,307	10,468	3,614	W	6,731	16,159	39,858	W
Wyoming	37,557	33,727	9,376	7,400	6,739	9,641	13,005	9,695	11,736	13,582	78,413	74,045
Total	**207,613**	**^{R}177,855**	**27,043**	**23,107**	**25,631**	**34,948**	**30,144**	**^{R}36,736**	**44,164**	**^{R}52,475**	**334,595**	**^{R}325,121**
District V												
Alaska	W	W	W	-	2,463	2,428	-	-	W	W	7,529	5,900
Arizona	W	31,308	8,239	9,149	2,194	W	W	W	4,633	5,962	54,429	^{R}49,671
California	216,429	^{R}214,008	71,152	67,343	128,918	111,174	13,380	16,521	57,929	57,878	487,808	^{R}466,924
Hawaii	18,911	W	W	2,879	-	-	W	W	W	W	29,863	W
Nevada	22,124	19,950	1,541	1,349	3,557	2,408	W	7,530	W	1,251	34,651	32,488
Oregon	30,196	31,078	5,357	8,782	5,334	W	W	W	W	5,772	46,838	W
Washington	34,199	33,584	11,108	13,147	6,902	W	W	W	W	6,955	58,786	60,825
Total	**364,772**	**^{R}352,015**	**100,656**	**102,649**	**149,368**	**^{R}127,080**	**30,733**	**32,133**	**74,375**	**78,555**	**719,904**	**^{R}692,432**
United States Total	**4,014,877**	**^{R}4,182,407**	**608,887**	**^{R}551,646**	**3,965,647**	**^{R}4,310,850**	**272,952**	**^{R}288,509**	**1,488,355**	**^{R}1,789,904**	**10,350,718**	**^{R}11,123,316**

[1] Includes sales for refinery fuel use and synthetic rubber manufacture

[2] Includes farm uses, use as synthetic natural gas feedstock, and use in the secondary recovery of petroleum

Revised See Explanatory Note 2

Data withheld to avoid disclosing individual company data

Source Form EIA-174, "Sale of Liquefied Petroleum Gases"

Table 5. Sales of Liquefied Petroleum Gases and Ethane Excluding Propane, by Use, PAD District and State Group, 1982 and 1981 (Thousands of Gallons)

District and State	Residential and Commercial		Internal Combustion Fuel		Chemical/Industrial[1]		Gas Utility		Other[2]		Total	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I												
FL, GA, NC, SC	703	775	54	144	48,566	67,683	50	64	396	162	49,769	68,828
CT, MA, NJ, NY, PA	1,410	398	-	-	113,641	140,154	-	410	2,774	3,343	117,825	R144,305
Other[3]	-	-	-	-	64,713	69,170	-	-	1,644	631	66,357	69,801
Total	**2,113**	**1,173**	**54**	**144**	**226,920**	**277,007**	**50**	**R474**	**4,814**	**4,136**	233,951	**R282,934**
PAD District II												
IL, IN, KY, OH,	-	-	10,721	831	536,635	894,139	-	-	1,136,645	1,241,639	1,684,001	2,136,609
IA, KS, NE, OK	653	W	891	11	315,618	177,947	95	46,514	1,792	W	319,049	225,360
Other[4]	-	-	1,462	21	1,180	2,106	2	34	3,391	4,128	6,035	6,289
Total	**653**	**W**	**13,074**	**863**	**853,433**	**1,074,192**	**97**	**46,548**	**1,141,828**	**W**	**2,009,085**	**2,368,258**
PAD District III												
Louisiana	1,952	2,627	2,982	25	2,470,042	R2,178,401	-	-	2,657	76	2,477,633	R2,181,129
Texas	3,657	5,098	17,294	373	4,117,618	R4,419,256	7,030	96,663	6,794	17,726	4,152,393	R4,539,116
Other[5]	2,436	4,078	105	149	11,165	47,782	-	331	479	543	14,185	52,883
Total	**8,045**	**11,803**	**20,381**	**547**	**6,598,825**	**R6,645,439**	**7,030**	**96,994**	**9,930**	**18,345**	**6,644,211**	**R6,773,128**
PAD District IV[6]	**18,581**	**W**	**1,390**	**303**	**7,944**	**6,526**	**33,381**	**7,333**	**828**	**W**	**62,124**	**32,404**
PAD District V												
California	W	2,994	142	406	85,298	187,630	W	6,604	1,039	1,301	90,166	198,935
Other[7]	W	-	18	-	36,077	20,159	W	-	11,088	4,236	51,234	24,395
Total	**2,851**	**2,994**	**160**	**406**	**121,375**	**207,789**	**4,887**	**6,604**	**12,127**	**5,537**	**141,400**	**223,330**
United States Total	**32,243**	**34,523**	**35,059**	**2,263**	**7,808,497**	**R8,210,953**	**45,445**	**R157,953**	**1,169,527**	**1,274,362**	**9,090,771**	**R9,680,054**

[1] Includes sales for refinery fuel use and synthetic rubber manufacture

[2] Includes farm uses, use as synthetic natural gas feedstock and use in secondary recovery of petroleum

[3] Includes Delaware, Maine, Maryland/District of Columbia, New Hampshire, Rhode Island, Vermont, Virginia, and West Virginia

[4] Includes Michigan, Minnesota, Missouri, North Dakota, South Dakota, Tennessee, and Wisconsin

[5] Includes Alabama, Arkansas, Mississippi, and New Mexico

[6] Includes Colorado, Idaho, Montana, Utah, and Wyoming

[7] Includes Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington

Revised See Explanatory Note 2

Data withheld to avoid disclosing individual company data

Source Form EIA-174, "Sales of Liquefied Petroleum Gases."

Explanatory Notes

Note I: EIA-I74: Sales of Liquefied Petroleum Gases and Ethane

Background

The EIA-I74, *Sales of Liquefied Petroleum Gases and Ethane,* collects data on annual sales to consumers categorized by state of destination, product, and end use. The first survey covering sales of LPG was made in I930 by the Bureau of Mines. The BOM 6-I345-A was superceded by the mandatory Form EIA-I74 in January of I979. The collection of data on Form EIA-I74 is authorized by the Federal Energy Administration Act of I974 (Public Law 93-275).

Description of Survey

Universe

The universe is defined as all companies in the 50 states and the District of Columbia having sales of liquefied petroleum gases and/or ethane of I00,000 gallons or more. Exclusion of suppliers with sales of less than I00,000 gallons lessens the reporting burden on small businesses. At present, the universe frame file is kept current by periodic matching against the *National LP Gas Association Directory* and *LP Gas Almanac* (Cancrude Consultants, Ltd.) listings. The number of companies required to respond in the I982 survey was 3,454.

Information Collected

Data categories collected are quantity of liquefied petroleum gases sold to end users, and resellers, or refiners by end use category, product category, and by state of destination. End use categories are residential and commercial, industrial, internal combustion engine, gas distribution lines, raw material to chemical plants, synthetic natural gas feedstock, farm, and all others. Product categories are ethane, propane, butane, and butane-propane mixtures.

Collection Methods

The EIA-I74 forms are mailed to respondents in early January, and are due 75 days after the end of the report year. Receipt of the reports is monitored using an automated respondent list. After approximately 70 days, second request mailout procedures and application of noncompliance procedures are implemented to secure responses from companies which have not replied by that date.

Respondents are contacted regarding questionable entries and resubmissions are required for revised data.

Imputing Missing Data

Data for companies which failed to respond to the I982 survey were imputed by substituting the data reported by these companies in I98I. No imputation was made for nonrespondents for which no I98I data were on file. The volume for this group is estimated to be less than 0.2 percent of total sales. The total volume of imputed data at the national level was 0.2 billion gallons representing 1.0 percent of total sales.

Response Rates

The total number of responses for I982 was 2,994, representing a final response rate of 86.7 percent of the total selected.

Note 2: Accuracy of the Data

There are two types of errors usually associated with data produced from a survey—sampling errors and nonsampling errors. Sampling errors are those errors that occur when survey estimates are based on a sample rather than being derived from a complete census of the frame. Nonsampling errors, sometimes referred to as biases, are those which can arise from a number of sources: (I) the inability to obtain all companies in the frame or sample (nonresponse) and the method used to account for missing data, (2) definitional difficulties and/or improperly worded questions which lead to different interpretations, (3) mistakes in recording or coding the data obtained from respondents, and (4) other errors of collection, response, coverage, and estimation. Because estimates from the Form EIA-I74 survey are based on a complete census of the frame of LPG dealers, there is no sampling error in the data presented in this report. The data, however, are subject to nonsampling error. Automated data collection and editing procedures are employed in attempts to minimize misinterpretation and misreporting. Nonresponse follow-up procedures are employed to reduce the number of nonrespondents and the nonresponse adjustment procedure employed should introduce a minimal amount of bias, given the relatively small volume of imputed data.

Revisions

Revisions to previous year's data are made when changes have a significant effect on the data cells involved. Revisions to I98I data were the result of under reporting by respondents of movements of liquefied petroleum gases within the company's own operations (intra-company transfers). Those respondents who incorrectly excluded these quantities were requested to resubmit I98I corrected data.

Note 3: End-Use Descriptions

End use categories are defined as follows:

Residential and Commercial Uses. Included are liquefied petroleum gases sold for use in non-farm private households for heating, cooking, water heating, and other household uses such as clothes drying and for incineration. Farm-household uses are included under "miscellaneous uses." Also included are sales to non-manufacturing establishments such as motels, restaurants, retail businesses, laundries, and other service enterprises, primarily for uses such as space heating, water heating, and cooking.

Internal Combustion Engine Fuel Use. Included are liquefied petroleum gases sold for use in all kinds of highway vehicles, forklifts, industrial tractors, and also for use in oilfield drilling and production.

Industrial Uses and Chemical Use. Included are liquefied petroleum gases and ethane sold to manufacturing plants, processing plants, etc. for use as standby fuel, in space heating, or for other uses such as flame cutting, metallurgical furnaces, and plumber's torches. Also included are sales to refineries for fuel use. Chemical use includes all LPG and ethane sold to chemical plants for use as raw materials, solvents, and in the production of synthetic rubber.

Gas Utility Use. Included are liquefied petroleum gases and ethane sold to gas utility companies for distribution through the mains.

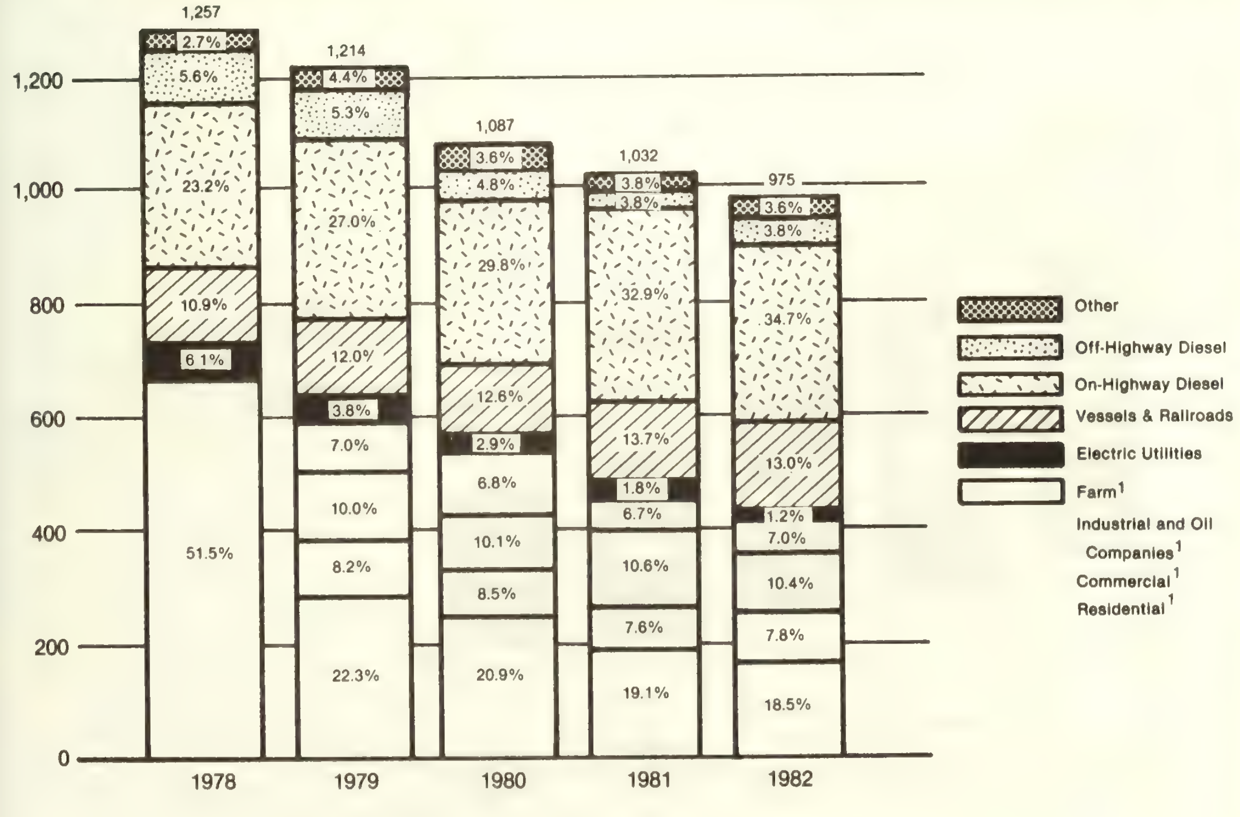
Miscellaneous Uses. Included are liquefied petroleum gases and ethane sold for all farm uses including household, internal combustion engine fuel use, and agricultural uses such as flame cultivation, crop drying, tobacco drying, and poultry breeding. Also included are liquefied petroleum gases and ethane sold for use as feedstock in the manufacture of synthetic natural gas, and for use in secondary recovery projects.

liveries of Fuel Oil and rosene

DELIVERIES OF FUEL OIL AND KEROSENE IN 1982

The combined domestic deliveries of distillate fuel oil, residual fuel oil, and kerosene in 1982 of 1.6 billion barrels were 10.5 percent lower than the 1.8 billion barrels delivered in 1981. Residential, commercial, industrial, and electric utility uses dropped during 1982 and, aggregated, accounted for only 47.6 percent of the total deliveries for the year, compared to an aggregated share in 1981 of 49.7 percent. Deliveries for transportation use, including vessels, railroads, and on-highway vehicles, were moderately lower during 1982, primarily due to the continued sharp decline in vessel bunkering use. Transportation use continued to represent the largest share of deliveries, accounting for 37.5 percent in 1982, compared to 36.4 percent in 1981. Electric utility use during 1982 was 30.3 percent lower than in 1981 and 62.9 percent lower than in 1977, when fuel oil deliveries to electric utilities were at their highest. Substantial price increases in recent years as well as reduced electricity output contributed to the 1982 drop in electric utility use.

Figure 1. Deliveries of Distillate Fuel Oil by Use as Percent of Total
(Millions of Barrels)



[1] These were classified as Heating, Industrial, and Oil Companies prior to 1979.

Source: Energy Information Administration, *Petroleum Supply Annual 1982.*

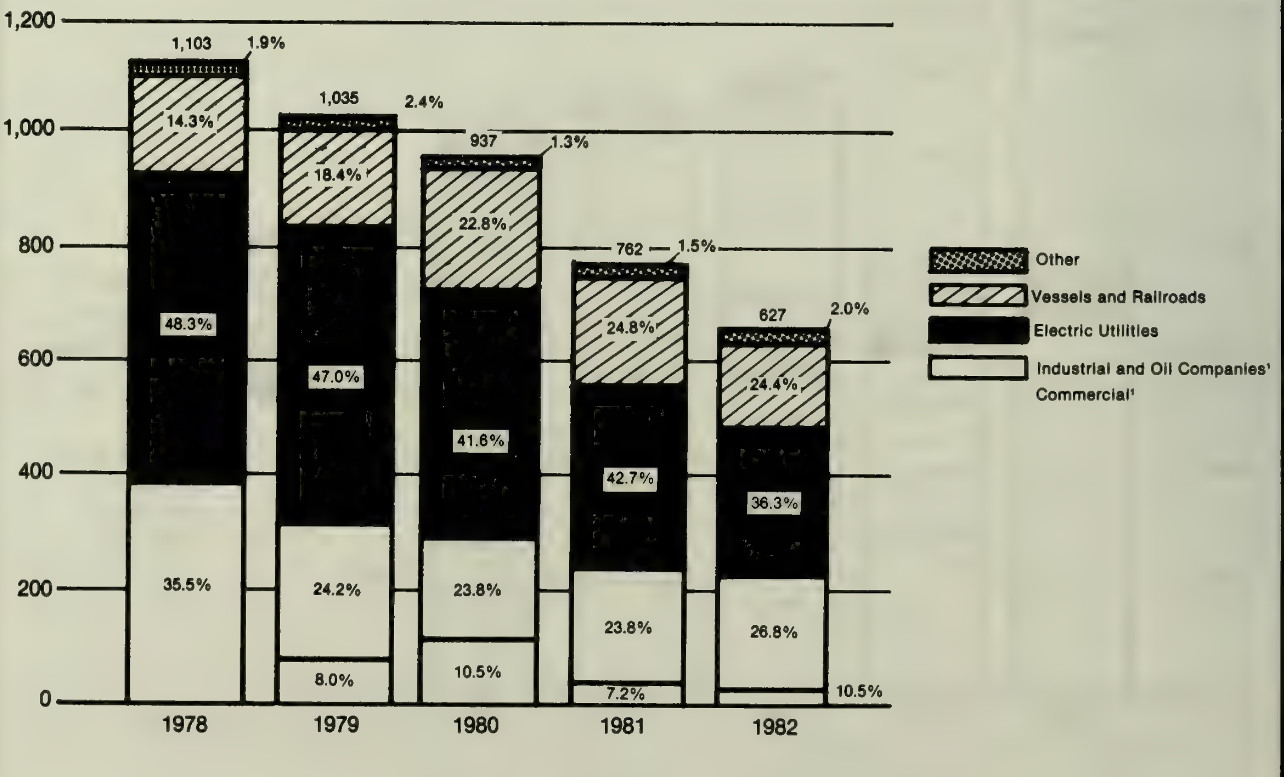
Distillate Fuel Oil

Deliveries of distillate fuel oil in 1982 declined for the fourth consecutive year, and were at the lowest level since 1971. Total deliveries of distillate fuel oil in 1982 were 975 million barrels, showing a decrease of 5.6 percent from the 1.0 billion barrels delivered in 1981. Deliveries for transportation, residential, commercial, and industrial uses together accounted for 81.3 percent of all the distillate fuel oil deliveries in 1982, and for 81.1 percent in 1981.

As noted in Figure 1, transportation use (on-highway diesel, vessels and railroads) in 1978 accounted for 34.1 percent of all distillate fuel oil deliveries; in 1982 its share was 47.7 percent. During the intervening years, deliveries of distillate fuel oil shifted toward transportation from the residential, commercial and electric utility sectors, in association with conversion from distillate to other energy sources in those sectors.

PAD District I accounted for 36.5 percent of all distillate fuel oil deliveries during 1982 and showed a 7.8 percent decrease from 1981 levels, primarily in the residential, commercial, industrial and utility use categories. In PAD District II, which accounted for 29.6 percent of total deliveries in 1982 and showed a 1.6 percent decline from 1981 levels, deliveries for all use categories were lower except farm and on-highway uses, which slightly increased. PAD District III, with 17.4 percent of the total 1982 deliveries, showed an 8.5 percent decline from 1981 levels, notably in the industrial, farm, railroad, vessel, and on-highway diesel uses. In PAD District IV, with 3.8 percent of the total, deliveries were 6.5 percent below those in 1981. Industrial and railroad uses declined, while on-highway diesel use increased. PAD District V, with 12.6 percent of the 1982 total, had 3.4 percent fewer deliveries than for the previous year. Deliveries for commercial use increased slightly in 1982, while military, railroad, and on-highway diesel uses declined.

Figure 2. Deliveries of Residual Fuel Oil by Use as Percent of Total
(Millions of Barrels)



[1] These were classified as Heating, Industrial, and Oil Companies prior to 1979.

Source: Energy Information Administration, *Petroleum Supply Annual 1982.*

Residual Fuel Oil

Deliveries of residual fuel oil in 1982 declined for the fifth straight year, hitting the lowest level since 1966. Total deliveries of residual fuel oil were 627 million barrels, showing a decrease of 17.8 percent from the 762 million barrels in 1981. Deliveries for electric utility and transportation uses were much lower in 1982. Together they accounted for only 60.7 percent of all deliveries in 1982, whereas in 1981 they accounted for 67.5 percent.

The continual decline in residual fuel oil deliveries in recent years, as illustrated in Figure 2, is largely due to the drastically reduced deliveries for electric utility use. In 1978 electric utility use of 533 million barrels represented 48.3 percent of all residual fuel oil deliveries. By 1982 deliveries of 227 million barrels were at the lowest level since 1968, representing only 36.3 percent of residual fuel oil deliveries. Transportation use (vessels and railroads), while also declining in recent years and at its lowest level since 1977, accounted for 24.4 percent of all residual fuel oil deliveries in 1982, compared with 14.3 percent in 1978.

PAD District I accounted for 54.2 percent of all residual fuel oil deliveries in 1982 and showed a 14.8 percent decrease from 1981 levels. Deliveries for utility and vessel bunkering uses dropped substantially, while those for commercial and industrial uses increased moderately. In PAD District II, which accounted for 6.0 percent of total deliveries in 1982, the 28.5 percent decline in total from 1981 was primarily in deliveries for industrial and utility uses. PAD District III, with 19.9 percent of the 1982 deliveries, showed a 12.2 percent decline from the previous year. Deliveries for industrial use increased notably, while those for oil company and vessel bunkering uses showed moderate declines. PAD District IV, with 0.7 percent of the total deliveries, showed a 23.9 percent drop from the previous year's level, especially in industrial and oil company uses. PAD District V, with 19.2 percent of the 1982 total, showed a 26.3 percent drop from the 1981 level, with deliveries for commercial, utility, and vessel bunkering uses showing substantial declines.

Kerosene

Deliveries of kerosene in 1982 were 47 million barrels, 1.4 percent higher than the 46 million barrels for 1981. Deliveries to PAD District III accounted for 40.5 percent of the total in 1982, while in 1981 they accounted for 41.8 percent. Deliveries to PAD District I accounted for 34.2 percent of the 1982 total, compared with 31.5 percent in 1981.

Table 1. Deliveries of Distillate Fuel Oil by Use in the United States: 1978–82 (Thousands of Barrels)

Use	1978	1979	1980	1981	1982
Heating[1]	533,069	NA	NA	NA	NA
Residential[1]	NA	270,306	227,361	197,400	180,760
Commercial[1]	NA	99,723	92,136	78,663	75,699
Industrial[1]	94,797	99,583	86,089	80,216	71,340
Farm[1]	NA	84,926	73,615	69,665	68,453
Subtotal[1]	627,866	554,538	479,201	425,944	396,252
Oil company	19,410	22,043	24,205	29,185	29,482
Electric utility[2]	77,175	46,579	31,812	18,192	12,134
Railroad[3]	99,841	103,493	102,022	100,482	93,150
Vessel bunkering	37,591	41,725	35,201	41,025	33,885
On-highway diesel[4]	290,943	327,402	323,431	340,002	338,006
Military[5]	20,320	18,570	19,138	17,763	15,201
Off-highway diesel	69,856	65,212	51,705	38,851	37,118
All other	14,059	34,812	19,994	21,032	19,639
United States Total	**1,257,061**	**1,214,374**	**1,086,709**	**1,032,476**	**974,864**

[1] For a general comparison, the sum of the heating plus industrial uses for 1978 is related to the sum of the residential, commercial, industrial, and farm uses for 1979 through 1982

[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries Data for 1978 contain a small amount of kerosene-type jet fuel used at utilities

[3] Based on American Association of Railroads information on fuel consumed by all railroads for 1979

[4] Based on Federal Highway Administration's "Highway Use of Special Fuels "

[5] Based on Defense Fuel Supply Center's *DEIS Report* for 1979 through 1982

NA=Not Available

Note See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions Totals may not equal sum of components due to independent rounding

Source • Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1982
- Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978
- Form EIA-759 (formerly FPC-4), "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants "
- American Association of Railroads statistics for Railroads of Class I, Amtrak, Class II Line-Haul, and Switching and Terminal Companies
- Federal Highway Administration data for highway use of special fuels
- Defense Fuel Supply Center, *DEIS Report*
- EIA Report, *Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States, by Country*, Final 1979 and 1980

Table 2. Deliveries of Residual Fuel Oil by Use in the United States: 1978-82 (Thousands of Barrels)

Use	1978	1979	1980	1981	1982
Heating[1]	164,536	NA	NA	NA	NA
Commercial[1]	NA	82,729	98,034	67,035	65,781
Industrial[1]	169,403	198,759	163,564	117,024	122,619
Subtotal[1]	333,939	281,488	261,598	184,059	188,400
Oil company	57,690	51,062	59,519	51,870	45,319
Electric utility[2]	533,193	486,636	390,105	325,486	227,419
Railroad	206	245	665	178	170
Vessel bunkering[3]	157,495	190,543	213,131	188,632	152,586
Military[4]	16,583	7,736	8,066	7,008	7,829
All other	4,127	16,900	4,382	4,795	4,784
United States Total	**1,103,233**	**1,034,610**	**937,466**	**762,030**	**626,510**

[1] For a general comparison, the sum of the heating plus industrial uses for 1978 is related to the sum of the commercial plus industrial uses for 1979 through 1982.
[2] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.
[3] Based on EIA estimates of intercoastal bunkering and the Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels.*
[4] Based on Defense Fuel Supply Center's *DEIS Report*, for 1979 through 1982.
NA=Not Available.
Note: See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions. Totals may not equal sum of components due to independent rounding.
Source: •Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1982.
- Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978.
- Form EIA-759 (Formerly FPC-4), "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
- Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels.*
- Maritime Administration Report, *National Port Assessment 1980-1990.*
- Defense Fuel Supply Center, *DEIS Report.*
- EIA Report, *Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States, by Country*, Final 1979 and 1980.

Table 3. Deliveries of Kerosene by Use in the United States: 1978-82 (Thousands of Barrels)

Use	1978	1979	1980	1981	1982
Heating[1]	44,090	NA	NA	NA	NA
Residential[1]	NA	23,426	18,807	15,052	16,769
Commercial[1]	NA	13,844	7,161	12,229	5,347
Industrial[1]	NA	5,342	8,556	3,871	6,480
Subtotal[1]	44,090	42,612	34,524	31,152	28,596
Farm[2]	NA	1,646	2,069	1,591	1,346
All other[2]	19,952	24,312	21,377	13,563	17,016
Subtotal[2]	19,952	25,958	23,446	15,154	18,362
United States Total	**64,042**	**68,570**	**57,970**	**46,306**	**46,963**

[1] For a general comparison, the heating use for 1978 is related to the sum of the residential, commercial, and industrial uses for 1979 through 1982.
[2] For a general comparison, all other use for 1978 is related to the sum of the farm and all other uses for 1979 through 1982.
NA=Not Available.
Note: Totals may not equal sum of components due to independent rounding.
Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene," for 1979 through 1982.
- Bureau of Mines Forms 6-1337-A and 6-1337-AS, "Fuel Oil and Kerosene Sales and Inventories," for 1978.
- EIA Report, *Supply, Disposition, and Stocks of All Oils by PAD Districts and Imports Into the United States by Country*, Final 1979 and 1980.

Table 4. Deliveries for All Uses: Distillate Fuel Oil, 1982 and 1981
(Thousands of Barrels)

Destination	Residential 1982	Residential 1981	Commercial 1982	Commercial 1981	Industrial 1982	Industrial 1981	Oil Company 1982	Oil Company 1981
PAD District I								
New England States								
Connecticut	12,277	12,979	2,983	2,940	1,092	958	32	51
Maine	4,956	5,234	1,421	1,745	444	326	13	58
Massachusetts	18,139	18,747	5,525	5,773	1,569	1,526	38	45
New Hampshire	3,232	3,485	593	534	260	379	8	17
Rhode Island	2,473	2,573	434	382	194	208	11	8
Vermont	1,399	2,013	508	555	134	131	5	10
Central Atlantic States								
Delaware	897	1,031	415	634	96	161	39	36
District of Columbia	510	282	451	281	5	78	2	2
Maryland	6,184	6,805	1,775	1,572	1,206	1,486	56	166
New Jersey	19,349	23,217	7,051	7,680	6,387	7,635	121	680
New York	31,753	35,129	13,638	12,628	3,816	3,629	291	247
Pennsylvania	20,763	24,260	4,735	5,172	5,030	5,466	283	728
Lower Atlantic States								
Florida	726	985	652	2,578	1,341	1,937	218	380
Georgia	163	184	1,044	1,230	908	1,158	149	53
North Carolina	4,924	5,529	888	1,346	1,145	1,611	47	82
South Carolina	1,136	1,432	405	434	486	583	61	64
Virginia	5,050	5,585	1,487	1,399	1,228	1,570	1,463	906
West Virginia	866	894	303	712	1,567	1,734	168	173
Total	**134,797**	**150,364**	**44,308**	**47,595**	**26,908**	**30,576**	**3,005**	**3,706**
PAD District II								
Illinois	2,675	2,624	3,139	4,070	2,854	2,186	549	487
Indiana	4,234	4,110	1,445	1,142	2,343	2,447	155	175
Iowa	2,116	2,016	649	624	603	613	22	25
Kansas	174	19	146	297	895	354	653	850
Kentucky	649	573	492	603	2,926	3,346	170	78
Michigan	6,331	7,913	2,137	2,373	1,456	1,564	105	108
Minnesota	6,224	4,829	991	837	819	1,086	93	83
Missouri	1,128	1,410	1,051	775	833	1,249	87	184
Nebraska	367	386	299	340	213	183	30	33
North Dakota	915	1,068	211	393	288	450	468	486
Ohio	4,501	5,710	2,110	2,603	3,561	5,221	313	366
Oklahoma	1	96	157	525	1,125	926	1,651	2,082
South Dakota	876	702	285	251	107	94	17	67
Tennessee	404	472	1,118	1,121	1,329	1,399	94	123
Wisconsin	7,587	7,508	1,282	1,155	656	916	38	45
Total	**38,182**	**39,436**	**15,512**	**17,109**	**20,008**	**22,034**	**4,445**	**5,192**
PAD District III								
Alabama	55	17	238	998	1,686	1,746	73	59
Arkansas	14	20	139	176	488	628	99	192
Louisiana	84	0	348	518	3,512	3,595	6,936	6,057
Mississippi	0	2	114	138	663	1,964	1,161	355
New Mexico	24	18	560	683	617	886	219	352
Texas	29	7	4,894	3,749	4,128	4,841	8,080	8,160
Total	**206**	**64**	**6,293**	**6,262**	**11,094**	**13,660**	**16,568**	**15,175**
PAD District IV								
Colorado	58	54	151	312	644	946	100	139
Idaho	277	424	470	122	425	428	3	9
Montana	353	274	184	381	271	380	101	312
Utah	125	73	383	206	767	823	271	514
Wyoming	30	26	352	125	1,585	2,129	3,008	2,314
Total	**843**	**851**	**1,540**	**1,146**	**3,692**	**4,706**	**3,483**	**3,288**
PAD District V								
Alaska	1,128	912	482	533	726	722	5	6
Arizona	0	1	23	60	1,050	1,679	1	4
California	72	72	4,410	3,742	4,794	3,898	1,696	887
Hawaii	0	1	55	178	83	107	219	163
Nevada	158	151	77	333	234	283	5	4
Oregon	2,117	2,541	1,003	959	1,399	1,466	25	255
Washington	3,257	3,007	1,996	746	1,352	1,085	30	505
Total	**6,732**	**6,685**	**8,046**	**6,551**	**9,638**	**9,240**	**1,981**	**1,824**
United States Total	**180,760**	**197,400**	**75,699**	**78,663**	**71,340**	**80,216**	**29,482**	**29,185**

Note See footnotes at end of table.

Table 4. Deliveries for All Uses: Distillate Fuel Oil, 1982 and 1981 (Continued)
(Thousands of Barrels)

Destination	Electric Utility[1]		Farm		Military[2]		Railroad		Vessel Bunkering	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I										
New England States										
Connecticut	17	31	85	53	982	0	6	25	17	7
Maine	54	36	114	78	57	49	131	122	88	85
Massachusetts	672	325	68	71	657	294	241	148	177	121
New Hampshire	12	15	41	50	1	4	1	2	11	9
Rhode Island	18	19	11	17	4	23	21	47	31	37
Vermont	16	17	93	92	0	0	6	15	5	6
Central Atlantic States										
Delaware	74	120	127	97	0	49	27	21	5	9
District of Columbia	247	713	0	0	311	58	72	17	0	0
Maryland	589	531	349	416	301	426	486	622	497	579
New Jersey	283	949	128	226	104	142	517	291	1,724	1,496
New York	954	897	973	923	233	228	928	1,208	626	802
Pennsylvania	1,410	1,686	989	1,057	84	163	1,522	2,959	309	321
Lower Atlantic States										
Florida	367	2,088	583	744	78	60	1,662	1,748	2,965	4,574
Georgia	219	439	729	715	87	272	2,119	1,909	580	389
North Carolina	277	433	1,527	1,004	41	94	985	916	100	87
South Carolina	145	499	561	661	54	130	442	384	93	192
Virginia	291	574	450	351	261	440	2,141	2,195	586	630
West Virginia	455	810	108	79	0	2	1,206	1,487	158	189
Total	**6,100**	**10,182**	**6,936**	**6,634**	**3,255**	**2,434**	**12,513**	**14,116**	**7,972**	**9,533**
PAD District II										
Illinois	386	387	3,254	2,965	25	21	4,751	5,230	94	149
Indiana	504	693	2,428	2,175	27	81	3,422	3,385	101	110
Iowa	63	2	3,455	3,305	38	46	2,184	1,007	35	25
Kansas	228	62	2,024	1,986	18	36	4,205	3,810	0	1
Kentucky	270	306	673	611	20	30	2,662	3,232	2,735	2,202
Michigan	317	604	2,264	3,003	141	323	1,222	1,784	52	70
Minnesota	8	52	3,935	3,467	20	9	1,742	1,524	239	323
Missouri	116	45	3,885	2,987	29	43	2,699	1,375	691	674
Nebraska	28	93	2,888	2,646	9	5	1,025	896	0	0
North Dakota	78	91	1,790	1,852	172	6	925	1,135	50	0
Ohio	474	572	1,701	1,842	10	49	5,097	6,869	33	99
Oklahoma	59	32	668	884	0	0	1,443	1,659	0	0
South Dakota	92	35	1,441	1,331	26	21	212	90	0	0
Tennessee	184	243	772	797	8	9	2,796	2,921	1,398	1,940
Wisconsin	223	60	2,102	2,121	12	28	971	1,014	88	168
Total	**3,030**	**3,277**	**33,280**	**31,972**	**555**	**707**	**35,356**	**35,931**	**5,466**	**5,761**
PAD District III										
Alabama	33	49	803	1,103	9	40	3,225	4,064	1,242	1,434
Arkansas	217	15	2,988	2,905	6	16	2,751	2,698	146	110
Louisiana	288	1,387	1,821	2,081	227	1,557	2,639	3,193	4,724	6,702
Mississippi	44	93	1,660	2,277	5	70	880	1,037	657	447
New Mexico	112	150	238	335	16	49	2,096	2,256	0	0
Texas	685	380	6,315	8,331	3,344	2,171	12,834	12,916	8,342	10,965
Total	**1,379**	**2,074**	**13,825**	**17,032**	**3,607**	**3,903**	**24,425**	**26,164**	**15,111**	**19,658**
PAD District IV										
Colorado	68	83	1,269	1,089	50	95	1,882	1,655	0	0
Idaho	0	0	719	1,009	19	85	570	610	0	0
Montana	0	40	839	908	2	4	1,402	1,455	0	0
Utah	27	59	235	156	2	0	1,239	1,743	0	0
Wyoming	8	136	271	312	1	4	2,810	3,963	0	0
Total	**103**	**318**	**3,333**	**3,474**	**74**	**188**	**7,903**	**9,426**	**0**	**0**
PAD District V										
Alaska	592	544	14	21	220	357	36	116	854	955
Arizona	75	24	617	837	11	3	1,232	1,329	0	0
California	190	865	8,293	7,450	5,232	6,155	7,138	7,894	1,860	2,566
Hawaii	618	789	408	450	2,102	3,193	15	10	65	66
Nevada	20	14	79	120	14	12	731	580	0	0
Oregon	16	36	595	705	21	15	2,616	3,227	977	761
Washington	11	69	1,073	970	110	796	1,185	1,689	1,580	1,725
Total	**1,522**	**2,341**	**11,079**	**10,553**	**7,710**	**10,531**	**12,953**	**14,845**	**5,336**	**6,073**
United States Total	**12,134**	**18,192**	**68,453**	**69,665**	**15,201**	**17,763**	**93,150**	**100,482**	**33,885**	**41,025**

Note: See footnotes at end of table.

Table 4. Deliveries for All Uses: Distillate Fuel Oil, 1982 and 1981 (Continued)
(Thousands of Barrels)

Destination	On-Highway[3]		Off-Highway		All Other		Total[4]	
	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I								
New England States								
Connecticut	2,698	2,262	251	380	69	59	20,509	19,745
Maine	1,564	1,248	243	176	104	109	9,189	9,266
Massachusetts	4,745	4,419	309	282	123	404	32,263	32,155
New Hampshire	744	692	170	113	11	13	5,084	5,313
Rhode Island	679	590	38	25	70	64	3,984	3,993
Vermont	352	753	173	222	16	14	2,707	3,828
Central Atlantic States								
Delaware	921	862	134	78	18	35	2,753	3,133
District of Columbia	436	376	9	10	172	308	2,215	2,125
Maryland	4,023	4,730	326	571	406	461	16,198	18,365
New Jersey	8,093	7,460	519	562	1,270	635	45,546	50,973
New York	8,353	7,227	619	774	424	571	62,608	64,263
Pennsylvania	15,296	15,311	2,136	2,476	508	378	53,065	59,977
Lower Atlantic States								
Florida	13,098	12,968	310	630	503	1,124	22,503	29,816
Georgia	11,801	12,067	191	171	397	801	18,387	19,388
North Carolina	9,789	9,526	296	370	165	230	20,184	21,228
South Carolina	5,682	4,968	197	193	200	301	9,462	9,841
Virginia	8,286	9,038	572	574	128	376	21,943	23,638
West Virginia	2,381	2,833	248	327	199	210	7,659	9,450
Total	**98,941**	**97,330**	**6,741**	**7,934**	**4,783**	**6,093**	**356,254**	**386,497**
PAD District II								
Illinois	13,744	15,037	842	826	208	445	32,521	34,427
Indiana	13,821	13,599	393	575	40	469	28,913	28,961
Iowa	6,525	6,334	479	314	43	63	16,212	14,374
Kansas	5,100	5,468	269	331	105	25	13,817	13,239
Kentucky	5,747	5,911	844	947	319	378	17,507	18,217
Michigan	8,181	8,230	362	481	251	204	22,819	26,657
Minnesota	6,341	5,957	428	499	40	48	20,880	18,714
Missouri	9,004	8,460	1,198	732	17	69	20,738	18,003
Nebraska	4,086	3,438	224	199	7	14	9,176	8,233
North Dakota	2,084	2,035	259	190	19	2	7,209	7,708
Ohio	17,092	16,663	3,283	3,195	2,075	1,770	40,250	44,959
Oklahoma	8,251	8,143	811	1,095	391	77	14,557	15,519
South Dakota	1,900	1,714	102	97	73	4	5,131	4,406
Tennessee	9,505	9,112	321	417	835	958	18,764	19,512
Wisconsin	7,072	7,230	461	442	45	39	20,537	20,726
Total	**118,453**	**117,331**	**10,276**	**10,340**	**4,468**	**4,565**	**289,033**	**293,655**
PAD District III								
Alabama	6,758	6,782	703	919	611	728	15,436	17,939
Arkansas	5,512	5,458	877	733	99	165	13,336	13,116
Louisiana	7,510	10,031	2,559	2,068	210	775	30,858	37,964
Mississippi	5,257	5,298	693	991	715	815	11,849	13,487
New Mexico	3,512	5,848	489	1,733	71	216	7,954	12,526
Texas	32,692	31,564	7,184	5,465	1,653	1,810	90,180	90,359
Total	**61,241**	**64,981**	**12,505**	**11,909**	**3,359**	**4,509**	**169,613**	**185,391**
PAD District IV								
Colorado	4,211	3,458	595	655	104	148	9,132	8,634
Idaho	1,718	1,331	233	639	62	118	4,496	4,775
Montana	2,473	2,384	153	184	36	164	5,814	6,486
Utah	2,550	2,760	536	527	290	254	6,425	7,115
Wyoming	2,253	2,271	578	883	119	289	11,015	12,452
Total	**13,205**	**12,204**	**2,095**	**2,888**	**611**	**973**	**36,884**	**39,462**
PAD District V								
Alaska	596	1,067	424	269	1,258	1,046	6,335	6,548
Arizona	4,581	5,323	276	379	236	102	8,102	9,741
California	27,679	28,423	3,026	2,960	2,947	2,582	67,337	67,494
Hawaii	415	423	154	235	436	428	4,570	6,043
Nevada	1,977	1,813	177	158	46	20	3,518	3,488
Oregon	5,339	5,651	343	599	569	247	15,020	16,462
Washington	5,579	5,456	1,101	1,180	926	467	18,200	17,695
Total	**46,166**	**48,156**	**5,501**	**5,780**	**6,418**	**4,892**	**123,081**	**127,470**
United States Total	**338,006**	**340,002**	**3 7,118**	**38,851**	**19,639**	**21,032**	**974,864**	**1,032,476**

[1] Calculated from EIA data on electric utility stocks, amount burned, and deliveries

[2] U S total based on Defense Fuel Supply Center's *DEIS Report* Relative estimates by State are based on the survey EIA-172

[3] Estimates by State are based on Federal Highway Administration data for highway use of special fuels

[4] Total deliveries at the National level and at the PAD District level are comparable to the amounts of distillate fuel oil supplied as shown in the "Summary Statistics" section of the *Petroleum Supply Annual.*

Note See Explanatory Note 2 for further information about alternate source data, and Explanatory Note 4 for end-use descriptions Totals may not equal sum of components due to independent rounding.

Source • Form EIA-172 "Sales of Fuel Oil and Kerosene"

- Form EIA-759 (formerly FPC-4), "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
- Defense Supply Center, *DEIS Report*
- Federal Highway Administration data for highway use of special fuels.

Table 5. Deliveries for All Uses: Residual Fuel Oil, 1982 and 1981 (Thousands of Barrels)

Destination	Commercial		Industrial		Oil Company		Electric Utility[1]		Military[2]	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I										
New England States										
Connecticut	790	796	3,082	2,435	39	35	17,282	18,598	0	0
Maine	665	364	11,440	5,290	0	0	3,034	3,774	32	0
Massachusetts	4,386	3,180	5,154	3,925	2	74	31,130	40,654	968	98
New Hampshire	650	474	611	421	0	0	2,815	3,891	2	0
Rhode Island	233	192	643	734	0	0	896	1,241	7	0
Vermont	119	155	253	192	0	0	0	0	0	0
Central Atlantic States										
Delaware	1,261	1,980	1,058	1,225	0	0	3,362	4,989	73	0
District of Columbia	114	79	1	1	0	0	0	110	1,371	182
Maryland	469	210	1,280	1,454	13	99	5,645	5,759	1,510	63
New Jersey	4,797	6,468	4,387	5,099	4,280	4,192	7,959	10,085	98	126
New York	19,482	13,900	10,347	7,549	112	221	56,114	64,047	714	932
Pennsylvania	1,148	1,606	5,602	5,263	2,546	2,278	9,458	15,650	10	1,085
Lower Atlantic States										
Florida	397	825	4,511	5,798	7	2,012	52,155	74,640	54	119
Georgia	5	9	3,083	3,156	16	16	57	388	90	49
North Carolina	192	103	5,525	5,141	3	7	0	0	32	133
South Carolina	28	102	2,085	2,555	4	43	6	1,357	46	49
Virginia	537	384	2,805	2,608	53	66	2,974	5,681	428	293
West Virginia	3	2	1,127	726	313	273	0	0	0	0
Total	**35,276**	**30,829**	**62,994**	**53,572**	**7,388**	**9,316**	**192,887**	**250,864**	**5,435**	**3,129**
PAD District II										
Illinois	1,071	1,260	2,127	4,922	5,273	5,033	6,897	10,083	22	0
Indiana	92	79	1,689	4,511	3,045	2,846	0	0	0	98
Iowa	29	28	292	58	0	0	0	7	0	7
Kansas	3	0	486	363	271	319	233	14	0	0
Kentucky	4	18	707	651	476	229	0	0	10	252
Michigan	225	114	1,795	1,555	824	350	1,304	6,490	0	217
Minnesota	179	19	1,218	954	231	196	17	0	0	0
Missouri	32	29	271	337	310	262	123	0	115	6
Nebraska	105	17	93	37	0	0	0	0	0	0
North Dakota	216	61	301	812	312	256	0	0	325	0
Ohio	185	28	1,494	4,023	440	954	100	234	0	14
Oklahoma	0	0	44	108	583	637	0	0	0	0
South Dakota	13	14	32	132	0	0	0	2	0	0
Tennessee	106	77	583	1,033	24	28	0	0	0	0
Wisconsin	39	12	1,978	640	143	109	0	10	0	0
Total	**2,299**	**1,756**	**13,110**	**20,136**	**11,932**	**11,219**	**8,674**	**16,840**	**472**	**594**
PAD District III										
Alabama	166	0	3,738	2,458	46	20	0	0	0	0
Arkansas	146	150	1,547	1,759	0	0	108	540	0	0
Louisiana	17,247	15,529	8,058	10,601	1,998	2,608	1,118	2,825	0	37
Mississippi	29	2,774	2,242	773	514	776	284	2,035	0	0
New Mexico	0	0	646	791	0	0	68	47	0	0
Texas	1,884	2,550	18,215	13,377	9,625	15,035	795	1,284	144	407
Total	**19,472**	**21,003**	**34,446**	**29,759**	**12,183**	**18,439**	**2,373**	**6,731**	**144**	**444**
PAD District IV										
Colorado	5	3	7	125	0	0	0	32	0	0
Idaho	18	29	205	26	0	0	0	0	0	0
Montana	5	0	300	462	1,349	1,996	0	0	0	0
Utah	39	0	337	908	487	72	0	52	0	0
Wyoming	182	5	332	151	1,102	1,622	0	0	0	0
Total	**249**	**37**	**1,181**	**1,672**	**2,938**	**3,690**	**0**	**84**	**0**	**0**
PAD District V										
Alaska	3	0	0	1	0	0	298	222	0	7
Arizona	164	36	16	21	0	0	117	170	0	0
California	5,697	11,529	973	4,275	7,141	6,432	13,087	39,919	812	933
Hawaii	110	55	254	290	1,627	782	9,897	10,471	240	127
Nevada	11	25	22	40	0	0	86	185	0	0
Oregon	1,544	995	3,422	1,666	157	99	0	0	220	0
Washington	956	770	6,201	5,592	1,953	1,893	0	0	506	1,774
Total	**8,485**	**13,410**	**10,888**	**11,885**	**10,878**	**9,206**	**23,485**	**50,967**	**1,778**	**2,841**
United States Total	**65,781**	**67,035**	**122,619**	**117,024**	**45,319**	**51,870**	**227,419**	**325,486**	**7,829**	**7,008**

Note: See footnotes at end of table.

(Thousands of Barrels)

Destination	Railroad 1982	Railroad 1981	Vessel Bunkering[3] 1982	Vessel Bunkering[3] 1981	All Other 1982	All Other 1981	Total[4] 1982	Total[4] 1981
PAD District I								
New England States								
Connecticut	0	0	6	4	150	83	21,349	21,951
Maine	10	6	620	634	2	22	15,803	10,090
Massachusetts	0	0	546	975	576	767	42,762	49,673
New Hampshire	0	0	28	49	0	0	4,106	4,835
Rhode Island	0	0	12	49	0	11	1,791	2,227
Vermont	0	0	0	0	0	4	372	351
Central Alantic States								
Delaware	0	0	136	292	399	185	6,289	8,671
District of Columbia	0	0	0	0	41	17	1,527	389
Maryland	0	0	2,831	4,729	150	82	11,898	12,396
New Jersey	0	0	12 029	12,287	691	22	34,241	38,279
New York	0	0	10 922	10,922	108	297	97,868	97,868
Pennsylvania	0	0	1,675	4,144	350	314	20,789	30,340
Lower Atlantic States								
Florida	0	0	5,864	6,777	91	176	63,079	90,347
Georgia	0	0	2,311	2,633	0	0	5,562	6,251
North Carolina	0	0	217	292	2	1	5,971	5,677
South Carolina	4	4	792	1,024	0	8	2,965	5,142
Virginia	36	2	2,708	3,949	50	89	9,591	13,072
West Virginia	0	0	0	0	0	0	1,443	1,001
Total	**50**	**12**	**32,971**	**48,760**	**2,610**	**2,078**	**339,612**	**398,560**
PAD District II								
Illinois	4	7	1	0	112	94	15,507	21,399
Indiana	0	0	27	93	3	11	4,856	7,638
Iowa	0	0	0	0	0	0	321	100
Kansas	0	1	0	0	0	0	993	697
Kentucky	0	0	0	0	0	0	1,197	1,150
Michigan	44	30	23	55	70	136	4,285	8,947
Minnesota	40	0	43	273	4	18	1,732	1,460
Missouri	0	0	2	0	3	22	856	656
Nebraska	0	3	0	0	0	0	198	57
North Dakota	0	0	0	0	17	1	1,171	1,130
Ohio	0	0	1	37	268	630	2,488	5,920
Oklahoma	0	0	0	0	73	0	700	745
South Dakota	0	0	0	0	6	13	51	161
Tennessee	20	32	2	45	13	24	748	1,239
Wisconsin	3	32	27	46	22	22	2,212	871
Total	**111**	**105**	**126**	**549**	**591**	**971**	**37,315**	**52,170**
PAD District III								
Alabama	0	0	2,400	2,208	0	0	6,350	4,686
Arkansas	0	0	0	0	2	0	1,803	2,449
Louisiana	0	0	19,154	23,899	685	188	48,260	55,687
Mississippi	0	0	2,501	3,117	0	250	5,570	9,725
New Mexico	0	0	0	0	2	18	716	856
Texas	0	58	31,389	35,719	17	241	62,069	68,671
Total	**0**	**58**	**55,444**	**64,943**	**706**	**697**	**124,769**	**142,075**
PAD District IV								
Colorado	0	0	0	0	2	5	14	165
Idaho	0	0	0	0	0	0	223	55
Montana	0	0	0	0	14	61	1,668	2,519
Utah	0	0	0	0	23	32	886	1,064
Wyoming	9	3	0	0	9	228	1,634	2,009
Total	**9**	**3**	**0**	**0**	**48**	**326**	**4,426**	**5,812**
PAD District V								
Alaska	0	0	0	0	0	19	301	249
Arizona	0	0	0	0	0	0	297	227
California	0	0	53,250	63,149	432	226	81,392	126,463
Hawaii	0	0	860	1,116	335	470	13,323	13,311
Nevada	0	0	0	0	0	0	119	250
Oregon	0	0	5,551	3,644	33	3	10,927	6,407
Washington	0	0	4 384	6,471	29	5	14,029	16,505
Total	**0**	**0**	**64,045**	**74,380**	**829**	**723**	**120,388**	**163,413**
United States Total	**170**	**178**	**152,586**	**188,632**	**4,784**	**4,795**	**626,510**	**762,030**

[1] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.
[2] U.S. total based on Defense Fuel Supply Center's *DEIS Report*. Relative estimates by State are based on the survey EIA-172.
[3] PAD District totals are derived from EIA estimates of intercoastal bunkering and the Bureau of the Census Report *United States Foreign Trade, Bunker Fuels*. Relative estimates by State are based on the survey EIA-172.
[4] Total deliveries at the National level and at the PAD District level are comparable to the amounts of residual fuel oil supplied as shown in the "Summary Statistics" section of the *Petroleum Supply Annual*.

Note: See Explanatory Note 2 for further information about alternate source data and Explanatory Note 4 for end-use descriptions. Totals may not equal sum of components due to independent rounding.

Sources: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
• Form EIA-759 (formerly FPC-4), "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."
• Defense Fuel Supply Center, *DEIS Report*.
• Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels*.

Table 6. Deliveries for All Uses: Kerosene, 1982 and 1981 (Thousands of Barrels)

Destination	Residential		Commercial		Industrial		Farm		All Other		Total[1]	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
PAD District I												
New England States												
Connecticut	263	195	1	11	2	6	0	0	115	203	381	415
Maine	272	233	22	45	4	1	4	1	14	10	316	290
Massachusetts	510	181	28	9	13	13	1	1	216	226	768	430
New Hampshire	234	206	8	4	0	0	1	0	5	5	248	215
Rhode Island	123	47	2	1	0	2	0	0	0	4	125	54
Vermont	154	177	26	26	0	0	5	8	2	1	187	212
Central Atlantic States												
Delaware	324	256	12	8	1	0	2	2	1	1	340	267
District of Columbia	4	2	1	1	1	1	0	0	0	69	6	73
Maryland	664	614	88	16	19	15	9	7	25	227	805	879
New Jersey	353	193	96	57	140	80	0	0	817	1,131	1,406	1,461
New York	1,836	1,509	199	158	131	82	23	19	372	304	2,561	2,072
Pennsylvania	2,194	1,992	236	183	331	118	25	44	146	314	2,932	2,651
Lower Atlantic States												
Florida	227	574	221	64	4	7	12	2	562	101	1,026	748
Georgia	62	34	143	18	2	10	12	1	94	209	313	272
North Carolina	2,025	1,939	33	45	36	34	175	208	63	130	2,332	2,356
South Carolina	526	553	25	29	11	21	14	46	29	30	605	679
Virginia	1,048	919	34	37	70	68	53	65	63	83	1,268	1,172
West Virginia	312	275	16	16	81	47	1	0	33	24	443	362
Total	**11,131**	**9,899**	**1,191**	**728**	**846**	**505**	**337**	**404**	**2,557**	**3,072**	**16,060**	**14,608**
PAD District II												
Illinois	335	149	7	14	50	249	18	34	29	220	439	666
Indiana	343	537	18	9	119	82	61	67	50	14	591	709
Iowa	299	235	36	14	14	10	61	101	40	14	450	374
Kansas	18	10	7	5	25	43	7	24	169	158	226	240
Kentucky	527	474	83	125	119	110	47	86	364	369	1,140	1,164
Michigan	559	206	18	19	72	82	18	9	76	676	743	992
Minnesota	191	115	4	5	0	0	32	29	4	0	231	149
Missouri	123	76	584	398	11	14	40	53	22	5	780	546
Nebraska	29	29	14	10	14	14	32	24	4	10	93	87
North Dakota	22	14	4	0	0	0	0	0	0	0	26	14
Ohio	912	1,016	61	67	191	331	47	76	1,352	1,261	2,563	2,751
Oklahoma	14	15	242	38	50	43	18	91	137	115	461	302
South Dakota	22	14	11	0	0	0	4	10	0	0	37	24
Tennessee	541	901	133	72	14	67	0	0	411	484	1,099	1,524
Wisconsin	79	72	130	5	25	29	4	9	4	10	242	125
Total	**4,014**	**3,863**	**1,352**	**781**	**704**	**1,074**	**389**	**613**	**2,662**	**3,336**	**9,124**	**9,667**
PAD District III												
Alabama	534	185	331	57	204	43	25	0	636	241	1,730	526
Arkansas	51	42	76	57	204	185	25	28	153	43	509	355
Louisiana	76	28	331	2,530	1,501	910	280	185	3,562	3,212	5,750	6,865
Mississippi	51	29	127	14	102	14	25	0	25	43	330	100
New Mexico	178	85	153	526	76	28	0	0	178	128	585	767
Texas	356	114	1,298	6,808	1,425	810	153	256	6,895	2,757	10,127	10,745
Total	**1,246**	**483**	**2,316**	**9,992**	**3,512**	**1,990**	**508**	**469**	**11,449**	**6,424**	**19,031**	**19,358**
PAD District IV												
Colorado	170	60	23	9	8	0	46	43	15	103	262	215
Idaho	0	0	8	0	15	8	0	0	8	9	31	17
Montana	0	0	0	0	0	0	0	9	0	17	0	26
Utah	46	26	46	60	23	9	0	0	77	60	192	155
Wyoming	0	8	15	0	8	0	0	0	116	61	139	69
Total	**216**	**94**	**92**	**69**	**54**	**17**	**46**	**52**	**216**	**250**	**627**	**482**
PAD District V												
Alaska	0	0	24	0	1,220	0	0	0	18	36	1,262	36
Arizona	0	0	12	18	0	89	0	0	6	0	18	107
California	18	71	324	552	66	107	60	53	66	303	534	1,086
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0
Nevada	12	36	6	18	0	0	0	0	0	18	18	72
Oregon	60	71	12	53	0	0	6	0	18	18	96	142
Washington	72	535	18	18	78	89	0	0	24	106	192	748
Total	**162**	**713**	**396**	**659**	**1,364**	**285**	**66**	**53**	**132**	**481**	**2,121**	**2,191**
United States Total	**16,769**	**15,052**	**5,347**	**12,229**	**6,480**	**3,871**	**1,346**	**1,591**	**17,016**	**13,563**	**46,963**	**46,306**

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[1] Total deliveries at the National and PAD District levels are comparable to the amounts of kerosene supplied in the "Summary Statistics" section of the *Petroleum Supply Annual*.
Note Totals may not equal sum of components due to independent rounding.
Source Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 7. Deliveries for Residential Use: Distillate Fuel Oil and Kerosene, 1982
(Thousands of Barrels)

Destination	Distillate Fuel Oil			Kerosene
	No 1	No 2	Total	
PAD District I				
New England States				
Connecticut	72	12,205	12,277	263
Maine	417	4,539	4,956	272
Massachusetts	122	18,017	18,139	510
New Hampshire	109	3,123	3,232	234
Rhode Island	20	2,453	2,473	123
Vermont	96	1,303	1,399	154
Central Atlantic States				
Delaware	60	837	897	324
District of Columbia	0	510	510	4
Maryland	58	6,126	6,184	664
New Jersey	125	19,224	19,349	353
New York	821	30,932	31,753	1,836
Pennsylvania	420	20,343	20,763	2,194
Lower Atlantic States				
Florida	285	441	726	227
Georgia	3	160	163	62
North Carolina	142	4,782	4,924	2,025
South Carolina	91	1,045	1,136	526
Virginia	449	4,601	5,050	1,048
West Virginia	62	804	866	312
Total	**3,352**	**131,445**	**134,797**	**11,131**
PAD District II				
Illinois	378	2,297	2,675	335
Indiana	960	3,274	4,234	343
Iowa	452	1,664	2,116	299
Kansas	49	125	174	18
Kentucky	54	595	649	527
Michigan	1,021	5,310	6,331	559
Minnesota	1,320	4,904	6,224	191
Missouri	286	842	1,128	123
Nebraska	140	227	367	29
North Dakota	204	711	915	22
Ohio	677	3,824	4,501	912
Oklahoma	1	0	1	14
South Dakota	274	602	876	22
Tennessee	33	371	404	541
Wisconsin	876	6,711	7,587	79
Total	**6,725**	**31,457**	**38,182**	**4,014**
PAD District III				
Alabama	2	53	55	534
Arkansas	7	7	14	51
Louisiana	2	82	84	76
Mississippi	0	0	0	51
New Mexico	4	20	24	178
Texas	7	22	29	356
Total	**22**	**184**	**206**	**1,246**
PAD District IV				
Colorado	35	23	58	170
Idaho	40	237	277	0
Montana	131	222	353	0
Utah	12	113	125	46
Wyoming	14	16	30	0
Total	**232**	**611**	**843**	**216**
PAD District V				
Alaska	250	878	1,128	0
Arizona	0	0	0	0
California	18	54	72	18
Hawaii	0	0	0	0
Nevada	19	139	158	12
Oregon	138	1,979	2,117	60
Washington	245	3,012	3,257	72
Total	**670**	**6,062**	**6,732**	**162**
United States Total	**11,001**	**169,759**	**180,760**	**16,769**

Note Totals may not equal sum of components due to independent rounding
Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 8. Deliveries for Commercial Use: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1982 (Thousands of Barrels)

Destination	Distillate Fuel Oil				Residual	
	No 1	No. 2	No. 4	Total	Fuel Oil	Kerosene
PAD District I						
New England States						
Connecticut	5	2,171	807	2,983	790	1
Maine	36	1,353	32	1,421	665	22
Massachusetts	143	3,874	1,508	5,525	4,386	28
New Hampshire	0	374	219	593	650	8
Rhode Island	2	284	148	434	233	2
Vermont	1	447	60	508	119	26
Central Atlantic States						
Delaware	3	393	19	415	1,261	12
District of Columbia	0	363	88	451	114	1
Maryland	6	1,627	142	1,775	469	88
New Jersey	311	5,178	1,562	7,051	4,797	96
New York	259	8,199	5,180	13,638	19,482	199
Pennsylvania	17	3,964	754	4,735	1,148	236
Lower Atlantic States						
Florida	14	623	15	652	397	221
Georgia	1	1,039	4	1,044	5	143
North Carolina	4	875	9	888	192	33
South Carolina	23	379	3	405	28	25
Virginia	14	1,332	141	1,487	537	34
West Virginia	8	292	3	303	3	16
Total	**847**	**32,767**	**10,694**	**44,308**	**35,276**	**1,191**
PAD District II						
Illinois	114	2,889	136	3,139	1,071	7
Indiana	93	1,349	3	1,445	92	18
Iowa	29	620	0	649	29	36
Kansas	9	137	0	146	3	7
Kentucky	14	478	0	492	4	83
Michigan	148	1,988	1	2,137	225	18
Minnesota	115	875	1	991	179	4
Missouri	36	1,013	2	1,051	32	584
Nebraska	52	247	0	299	105	14
North Dakota	28	183	0	211	216	4
Ohio	72	2,038	0	2,110	185	61
Oklahoma	3	154	0	157	0	242
South Dakota	35	250	0	285	13	11
Tennessee	2	1,116	0	1,118	106	133
Wisconsin	93	1,188	1	1,282	39	130
Total	**843**	**14,525**	**144**	**15,512**	**2,299**	**1,352**
PAD District III						
Alabama	2	212	24	238	166	331
Arkansas	7	132	0	139	146	76
Louisiana	26	322	0	348	17,247	331
Mississippi	0	112	2	114	29	127
New Mexico	20	540	0	560	0	153
Texas	1,066	3,632	196	4,894	1,884	1,298
Total	**1,121**	**4,950**	**222**	**6,293**	**19,472**	**2,316**
PAD District IV						
Colorado	12	139	0	151	5	23
Idaho	54	416	0	470	18	8
Montana	19	165	0	184	5	0
Utah	16	354	13	383	39	46
Wyoming	32	320	0	352	182	15
Total	**133**	**1,394**	**13**	**1,540**	**249**	**92**
PAD District V						
Alaska	150	332	0	482	3	24
Arizona	0	23	0	23	164	12
California	265	4,144	1	4,410	5,697	324
Hawaii	4	51	0	55	110	0
Nevada	3	74	0	77	11	6
Oregon	45	957	1	1,003	1,544	12
Washington	95	1,901	0	1,996	956	18
Total	**562**	**7,482**	**2**	**8,046**	**8,485**	**396**
United States Total	**3,506**	**61,118**	**11,075**	**75,699**	**65,781**	**5,347**

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 9. Deliveries to Industrial Users and to Oil Companies: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1982
(Thousands of Barrels)

	Industrial Use						Oil Company Use	
	Distillate Fuel Oil				Residual Fuel Oil	Kerosene	Distillate Fuel Oil	Residual Fuel Oil
Destination	No 1	No. 2	No 4	Total				
PAD District I								
New England States								
Connecticut	12	741	339	1,092	3,082	2	32	39
Maine	15	342	87	444	11,440	4	13	0
Massachusetts	4	912	653	1,569	5,154	13	38	2
New Hampshire	2	162	96	260	611	0	8	0
Rhode Island	4	99	91	194	643	0	11	0
Vermont	0	95	39	134	253	0	5	0
Central Atlantic States								
Delaware	0	88	8	96	1,058	1	39	0
District of Columbia	0	5	0	5	1	1	2	0
Maryland	0	1,137	69	1,206	1,280	19	56	13
New Jersey	4	5,622	761	6,387	4,387	140	121	4,280
New York	20	3,099	697	3,816	10,347	131	291	112
Pennsylvania	35	4,631	364	5,030	5,602	331	283	2,546
Lower Atlantic States								
Florida	10	1,266	65	1,341	4,511	4	218	7
Georgia	2	895	11	908	3,083	2	149	16
North Carolina	9	1,057	79	1,145	5,525	36	47	3
South Carolina	3	463	20	486	2,085	11	61	4
Virginia	4	1,152	72	1,228	2,805	70	1,463	53
West Virginia	14	1,548	5	1,567	1,127	81	168	313
Total	**138**	**23,314**	**3,456**	**26,908**	**62,994**	**846**	**3,005**	**7,388**
PAD District II								
Illinois	59	2,690	105	2,854	2,127	50	549	5,273
Indiana	59	2,256	28	2,343	1,689	119	155	3,045
Iowa	20	583	0	603	292	14	22	0
Kansas	27	866	2	895	486	25	653	271
Kentucky	17	2,874	35	2,926	707	119	170	476
Michigan	49	1,384	23	1,456	1,795	72	105	824
Minnesota	84	674	61	819	1,218	0	93	231
Missouri	78	738	17	833	271	11	87	310
Nebraska	16	197	0	213	93	14	30	0
North Dakota	41	247	0	288	301	0	468	312
Ohio	66	3,441	54	3,561	1,494	191	313	440
Oklahoma	102	1,023	0	1,125	44	50	1,651	583
South Dakota	13	94	0	107	32	0	17	0
Tennessee	2	1,319	8	1,329	583	14	94	24
Wisconsin	29	617	10	656	1,978	25	38	143
Total	**662**	**19,003**	**343**	**20,008**	**13,110**	**704**	**4,445**	**11,932**
PAD District III								
Alabama	13	1,545	128	1,686	3,738	204	73	46
Arkansas	258	135	95	488	1,547	204	99	0
Louisiana	70	3,314	128	3,512	8,058	1,501	6,936	1,998
Mississippi	5	572	86	663	2,242	102	1,161	514
New Mexico	77	540	0	617	646	76	219	0
Texas	84	4,002	42	4,128	18,215	1,425	8,080	9,625
Total	**507**	**10,108**	**479**	**11,094**	**34,446**	**3,512**	**16,568**	**12,183**
PAD District IV								
Colorado	30	613	1	644	7	8	100	0
Idaho	48	377	0	425	205	15	3	0
Montana	35	236	0	271	300	0	101	1,349
Utah	32	731	4	767	337	23	271	487
Wyoming	87	1,498	0	1,585	332	8	3,008	1,102
Total	**232**	**3,455**	**5**	**3,692**	**1,181**	**54**	**3,483**	**2,938**
PAD District V								
Alaska	51	675	0	726	0	1,220	5	0
Arizona	3	1,047	0	1,050	16	0	1	0
California	46	4,508	240	4,794	973	66	1,696	7,141
Hawaii	1	82	0	83	254	0	219	1,627
Nevada	1	233	0	234	22	0	5	0
Oregon	13	1,362	24	1,399	3,422	0	25	157
Washington	16	1,336	0	1,352	6,201	78	30	1,953
Total	**131**	**9,243**	**264**	**9,638**	**10,888**	**1,364**	**1,981**	**10,878**
United States Total	**1,670**	**65,123**	**4,547**	**71,340**	**122,619**	**6,480**	**29,482**	**45,319**

Note Totals may not equal sum of components due to independent rounding.
Source. Form EIA-172, "Sales of Fuel Oil and Kerosene"

Table 10. Deliveries to Electric Utilities: Distillate Fuel Oil and Residual Fuel Oil, 1982
(Thousands of Barrels)

Destination	Distillate Fuel Oil[1]	Residual Fuel Oil[1]	Total[1]
PAD District I			
New England States			
Connecticut	17	17,282	17,299
Maine	54	3,034	3,088
Massachusetts	672	31,130	31,802
New Hampshire	12	2,815	2,827
Rhode Island	18	896	914
Vermont	16	0	16
Central Atlantic States			
Delaware	74	3,362	3,436
District of Columbia	247	0	247
Maryland	589	5,645	6,234
New Jersey	283	7,959	8,242
New York	954	56,114	57,068
Pennsylvania	1,410	9,458	10,868
Lower Atlantic States			
Florida	367	52,155	52,522
Georgia	219	57	276
North Carolina	277	0	277
South Carolina	145	6	151
Virginia	291	2,974	3,265
West Virginia	455	0	455
Total	**6,100**	**192,887**	**198,987**
PAD District II			
Illinois	386	6,897	7,283
Indiana	504	0	504
Iowa	63	0	63
Kansas	228	233	461
Kentucky	270	0	270
Michigan	317	1,304	1,621
Minnesota	8	17	25
Missouri	116	123	239
Nebraska	28	0	28
North Dakota	78	0	78
Ohio	474	100	574
Oklahoma	59	0	59
South Dakota	92	0	92
Tennessee	184	0	184
Wisconsin	223	0	223
Total	**3,030**	**8,674**	**11,704**
PAD District III			
Alabama	33	0	33
Arkansas	217	108	325
Louisiana	288	1,118	1,406
Mississippi	44	284	328
New Mexico	112	68	180
Texas	685	795	1,480
Total	**1,379**	**2,373**	**3,752**
PAD District IV			
Colorado	68	0	68
Idaho	0	0	0
Montana	0	0	0
Utah	27	0	27
Wyoming	8	0	8
Total	**103**	**0**	**103**
PAD District V			
Alaska	592	298	890
Arizona	75	117	192
California	190	13,087	13,277
Hawaii	618	9,897	10,515
Nevada	20	86	106
Oregon	16	0	16
Washington	11	0	11
Total	**1,522**	**23,485**	**25,007**
United States Total	**12,134**	**227,419**	**239,553**

[1] Calculated from EIA data on electric utility stocks, amount burned, and deliveries.

Note: For further information about alternate source data, see Explanatory Note 2. Totals may not equal sum of components due to independent rounding.

Source: •Form EIA-759 (formerly FPC-4), "Monthly Power Plant Report," and Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Utility Plants."

(Thousands of Barrels)

Destination	Railroad		Vessel Bunkering		On-Highway Diesel[2]	Total Transportation Use	
	Distillate Fuel Oil	Residual Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil[1]	Distillate Fuel Oil	Distillate Fuel Oil	Residual Fuel Oil
PAD District I							
New England States							
Connecticut	6	0	17	6	2,698	2,721	6
Maine	131	10	88	620	1,564	1,783	630
Massachusetts	241	0	177	546	4,745	5,163	546
New Hampshire	1	0	11	28	744	756	28
Rhode Island	21	0	31	12	679	731	12
Vermont	6	0	5	0	352	363	0
Central Atlantic States							
Delaware	27	0	5	136	921	953	136
District of Columbia	72	0	0	0	436	508	0
Maryland	486	0	497	2,831	4,023	5,006	2,831
New Jersey	517	0	1,724	12,029	8,093	10,334	12,029
New York	928	0	626	3,196	8,353	9,907	3,196
Pennsylvania	1,522	0	309	1,675	15,296	17,127	1,675
Lower Atlantic States							
Florida	1,662	0	2,965	5,864	13,098	17,725	5,864
Georgia	2,119	0	580	2,311	11,801	14,500	2,311
North Carolina	985	0	100	217	9,789	10,874	217
South Carolina	442	4	93	792	5,682	6,217	796
Virginia	2,141	36	586	2 .708	8,286	11,013	2,744
West Virginia	1,206	0	158	0	2,381	3,745	0
Total	**12,513**	**50**	**7,972**	**32,971**	**98,941**	**119,426**	**33,021**
PAD District II							
Illinois	4,751	4	94	1	13,744	18,589	5
Indiana	3,422	0	101	27	13,821	17,344	27
Iowa	2,184	0	35	0	6,525	8,744	0
Kansas	4,205	0	0	0	5,100	9,305	0
Kentucky	2,662	0	2,735	0	5,747	11,144	0
Michigan	1,222	44	52	23	8,181	9,455	67
Minnesota	1,742	40	239	43	6,341	8,322	83
Missouri	2,699	0	691	2	9,004	12,394	2
Nebraska	1,025	0	0	0	4,086	5,111	0
North Dakota	925	0	0	0	2,084	3,009	0
Ohio	5,097	0	33	1	17,092	22,222	1
Oklahoma	1,443	0	0	0	8,251	9,694	0
South Dakota	212	0	0	0	1,900	2,112	0
Tennessee	2,796	20	1,398	2	9,505	13,699	22
Wisconsin	971	3	88	27	7,072	8,131	30
Total	**35,356**	**111**	**5,486**	**126**	**118,453**	**159,275**	**237**
PAD District III							
Alabama	3,225	0	1,242	2,400	6,758	11,225	2,400
Arkansas	2,751	0	146	0	5,512	8,409	0
Louisiana	2,639	0	4,724	19,154	7,510	14,873	19,154
Mississippi	880	0	657	2,501	5,257	6,794	2,501
New Mexico	2,096	0	0	0	3,512	5,608	0
Texas	12,834	0	8,342	31,389	32,692	53,868	31,389
Total	**24,425**	**0**	**15,111**	**55,444**	**61,241**	**100,777**	**55,444**
PAD District IV							
Colorado	1,882	0	0	0	4,211	6,093	0
Idaho	570	0	0	0	1,718	2,288	0
Montana	1,402	0	0	0	2,473	3,875	0
Utah	1,239	0	0	0	2,550	3,789	0
Wyoming	2,810	9	0	0	2,253	5,063	9
Total	**7,903**	**9**	**0**	**0**	**13,205**	**21,108**	**9**
PAD District V							
Alaska	36	0	854	0	596	1,486	0
Arizona	1,232	0	0	0	4,581	5,813	0
California	7,138	0	1,860	53,250	27,679	36,677	53,250
Hawaii	15	0	65	860	415	495	860
Nevada	731	0	0	0	1,977	2,708	0
Oregon	2,616	0	977	5,551	5,339	8,932	5,551
Washington	1,185	0	1,580	4,384	5,579	8,344	4,384
Total	**12,953**	**0**	**5,336**	**64,045**	**46,166**	**64,455**	**64,045**
United States Total	**93,150**	**170**	**33,885**	**152,586**	**338,006**	**465,041**	**152,756**

[1] PAD District totals are derived from EIA estimates of intercoastal bunkering and the Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels*. Relative estimates by State are based on the survey EIA-172.

[2] Estimates by State are based on Federal Highway Administration data for highway use of special fuels.

Note: For further information about alternate source data, see Explanatory Note 2. Totals may not equal sum of components due to independent rounding.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."
- Federal Highway Administration data for highway use of special fuels.
- Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels.*

Table 12. Deliveries For Military Use: Distillate Fuel Oil and Residual Fuel Oil, 1982 (Thousands of Barrels)

Destination	Distillate Fuel Oil			Residual Fuel Oil[1]
	Diesel	Other Distillate	Total[1]	
PAD District I				
New England States				
Connecticut	980	2	982	0
Maine	51	6	57	32
Massachusetts	352	305	657	968
New Hampshire	1	0	1	2
Rhode Island	0	4	4	7
Vermont	0	0	0	0
Central Atlantic States				
Delaware	0	0	0	73
District of Columbia	0	311	311	1,371
Maryland	2	299	301	1,510
New Jersey	21	83	104	98
New York	57	176	233	714
Pennsylvania	67	17	84	10
Lower Atlantic States				
Florida	67	11	78	54
Georgia	87	0	87	90
North Carolina	11	30	41	32
South Carolina	47	7	54	46
Virginia	121	140	261	428
West Virginia	0	0	0	0
Total	**1,864**	**1,391**	**3,255**	**5,435**
PAD District II				
Illinois	15	10	25	22
Indiana	1	26	27	0
Iowa	36	2	38	0
Kansas	17	1	18	0
Kentucky	17	3	20	10
Michigan	40	101	141	0
Minnesota	14	6	20	0
Missouri	24	5	29	115
Nebraska	6	3	9	0
North Dakota	170	2	172	325
Ohio	4	6	10	0
Oklahoma	0	0	0	0
South Dakota	16	10	26	0
Tennessee	8	0	8	0
Wisconsin	11	1	12	0
Total	**379**	**176**	**555**	**472**
PAD District III				
Alabama	2	7	9	0
Arkansas	6	0	6	0
Louisiana	227	0	227	0
Mississippi	5	0	5	0
New Mexico	16	0	16	0
Texas	3,212	132	3,344	144
Total	**3,468**	**139**	**3,607**	**144**
PAD District IV				
Colorado	50	0	50	0
Idaho	14	5	19	0
Montana	2	0	2	0
Utah	2	0	2	0
Wyoming	1	0	1	0
Total	**69**	**5**	**74**	**0**
PAD District V				
Alaska	6	214	220	0
Arizona	10	1	11	0
California	5,227	5	5,232	812
Hawaii	51	2,051	2,102	240
Nevada	14	0	14	0
Oregon	20	1	21	220
Washington	90	20	110	506
Total	**5,418**	**2,292**	**7,710**	**1,778**
United States Total	**11,198**	**4,003**	**15,201**	**7,829**

[1] U.S. total is based on Defense Fuel Supply Center's *DEIS Report*. Relative estimates by State are based on the survey EIA-172

Note: For further information about alternate source data, see Explanatory Note 2. Totals may not equal sum of components due to independent rounding.

Source: • Form EIA-172, "Sales of Fuel Oil and Kerosene."

Table 13. Deliveries For Farm Use: Distillate Fuel Oil and Kerosene, 1982
(Thousands of Barrels)

Destination	Distillate Fuel Oil			Kerosene
	Diesel	Other Distillate	Total[1]	
PAD District I				
New England States				
Connecticut	82	3	85	0
Maine	77	37	114	4
Massachusetts	52	16	68	1
New Hampshire	31	10	41	1
Rhode Island	9	2	11	0
Vermont	76	17	93	5
Central Atlantic States				
Delaware	93	34	127	2
District of Columbia	0	0	0	0
Maryland	311	38	349	9
New Jersey	92	36	128	0
New York	734	239	973	23
Pennsylvania	724	265	989	25
Lower Atlantic States				
Florida	521	62	583	12
Georgia	716	13	729	12
North Carolina	1,354	173	1,527	175
South Carolina	501	60	561	14
Virginia	332	118	450	53
West Virginia	108	0	108	1
Total	**5,813**	**1,123**	**6,936**	**337**
PAD District II				
Illinois	3,014	240	3,254	18
Indiana	2,195	233	2,428	61
Iowa	3,187	268	3,455	61
Kansas	1,922	102	2,024	7
Kentucky	666	7	673	47
Michigan	1,798	466	2,264	18
Minnesota	3,632	303	3,935	32
Missouri	3,343	542	3,885	40
Nebraska	2,520	368	2,888	32
North Dakota	1,591	199	1,790	0
Ohio	1,573	128	1,701	47
Oklahoma	633	35	668	18
South Dakota	1,198	243	1,441	4
Tennessee	771	1	772	0
Wisconsin	1,816	286	2,102	4
Total	**29,859**	**3,421**	**33,280**	**389**
PAD District III				
Alabama	803	0	803	25
Arkansas	1,955	1,033	2,988	25
Louisiana	1,759	62	1,821	280
Mississippi	1,644	16	1,660	25
New Mexico	238	0	238	0
Texas	6,202	113	6,315	153
Total	**12,601**	**1,224**	**13,825**	**508**
PAD District IV				
Colorado	1,257	12	1,269	46
Idaho	713	6	719	0
Montana	798	41	839	0
Utah	192	43	235	0
Wyoming	236	35	271	0
Total	**3,196**	**137**	**3,333**	**46**
PAD District V				
Alaska	5	9	14	0
Arizona	604	13	617	0
California	8,071	222	8,293	60
Hawaii	39[illegible]	15	408	0
Nevada	75	4	79	0
Oregon	[illegible]	25	595	6
Washington	1,0[illegible]	40	1,07[illegible]	0
Total	10,753	326	11,079	66
United States Total	62,222	6,231	68,453	1,346

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-17[illegible], "Sales of Fuel Oil and Kerosene."

Table 14. Deliveries For Off-Highway Diesel and All Other Uses: Distillate Fuel Oil, Residual Fuel Oil, and Kerosene, 1982 (Thousands of Barrels)

Destination	Off-Highway Diesel			All Other		
		Distillate Fuel Oil		Distillate	Residual	
	Construction	Other	Total	Fuel Oil	Fuel Oil	Kerosene
PAD District I						
New England States						
Connecticut	228	23	251	69	150	115
Maine	140	103	243	104	2	14
Massachusetts	224	85	309	123	576	216
New Hampshire	144	26	170	11	0	5
Rhode Island	15	23	38	70	0	0
Vermont	47	126	173	16	0	2
Central Atlantic States						
Delaware	130	4	134	18	399	1
District of Columbia	9	0	9	172	41	0
Maryland	252	74	326	406	150	25
New Jersey	471	48	519	1,270	691	817
New York	523	96	619	424	108	372
Pennsylvania	925	1,211	2,136	508	350	146
Lower Atlantic States						
Florida	305	5	310	503	91	562
Georgia	102	89	191	397	0	94
North Carolina	199	97	296	165	2	63
South Carolina	155	42	197	200	0	29
Virginia	373	199	572	128	50	63
West Virginia	174	74	248	199	0	33
Total	**4,416**	**2,325**	**6,741**	**4,783**	**2,610**	**2,557**
PAD District II						
Illinois	715	127	842	208	112	29
Indiana	356	37	393	40	3	50
Iowa	395	84	479	43	0	40
Kansas	132	137	269	105	0	169
Kentucky	555	289	844	319	0	364
Michigan	267	95	362	251	70	76
Minnesota	384	44	428	40	4	4
Missouri	1,157	41	1,198	17	3	22
Nebraska	211	13	224	7	0	4
North Dakota	244	15	259	19	17	0
Ohio	638	2,645	3,283	2,075	268	1,352
Oklahoma	463	348	811	391	73	137
South Dakota	97	5	102	73	6	0
Tennessee	248	73	321	835	13	411
Wisconsin	393	68	461	45	22	4
Total	**6,255**	**4,021**	**10,276**	**4,468**	**591**	**2,662**
PAD District III						
Alabama	549	154	703	611	0	636
Arkansas	241	636	877	99	2	153
Louisiana	2,352	207	2,559	210	685	3,562
Mississippi	558	135	693	715	0	25
New Mexico	401	88	489	71	2	178
Texas	5,595	1,589	7,184	1,653	17	6,895
Total	**9,696**	**2,809**	**12,505**	**3,359**	**706**	**11,449**
PAD District IV						
Colorado	570	25	595	104	2	15
Idaho	197	36	233	62	0	8
Montana	119	34	153	36	14	0
Utah	382	154	536	290	23	77
Wyoming	539	39	578	119	9	116
Total	**1,807**	**288**	**2,095**	**611**	**48**	**216**
PAD District V						
Alaska	282	142	424	1,258	0	18
Arizona	238	38	276	236	0	6
California	2,996	30	3,026	2,947	432	66
Hawaii	140	14	154	436	335	0
Nevada	174	3	177	46	0	0
Oregon	265	78	343	569	33	18
Washington	503	598	1,101	926	29	24
Total	**4,598**	**903**	**5,501**	**6,418**	**829**	**132**
United States Total	**26,772**	**10,346**	**37,118**	**19,639**	**4,784**	**17,016**

Note: See Explanatory Note 4 for description of All Other Uses. Totals may not equal sum of components due to independent rounding.
Source: Form EIA-172, "Sales of Fuel Oil And Kerosene."

Explanatory Notes

Note 1: EIA-172: Sales of Fuel Oil and Kerosene Survey

Background

The Form EIA-172 *Sales of Fuel Oil and Kerosene* collects data on the sales of distillate and residual fuel oils and kerosene to ultimate consumers in order to determine the various categories of demand for these products at the State, regional, and National level. This mandatory report is authorized by the Federal Energy Administration Act of l974 (P.L. 93-275). It evolved from a voluntary survey implemented by the Bureau of Mines in 1932.

Description of Survey

Universe

The universe or target population for the fuel oil sales survey is all companies that deliver fuel oil or kerosene to ultimate consumers.

Sampling Frame

The sampling frame consists of all fuel oil distributors or refiners known to sell fuel oil or kerosene in the U.S., as determined by a 1979 survey conducted by the EIA on Form EIA-402, *Fuel Oil Identification Survey.* Each company responding to the survey reported its total 1978 sales of No. 2 distillate fuel oil (including diesel), No. 6 residual fuel oil, and kerosene, and the states in which it sold these products. The EIA-402 survey identified 20,176 companies that sold fuel oil or kerosene to ultimate consumers. An additional 6,000 companies which either indicated no sales for 1978 or were nonrespondents were included in the sampling frame for the EIA-172 survey. The EIA-402 survey was not designed to include such sellers of fuel oil or kerosene as truck stops, service stations, or firms which import products directly for their own use (a delivery to themselves), e.g., certain utility companies, shipping companies, or the military.

Sample Design

The purpose of the EIA-172 survey is to produce state estimates of total sales, by end-use category, for each product (distillate fuel oil, residual fuel oil, and kerosene). Due to the limitations of the sampling frame, however, the sample design is based on total sales of No. 2 distillate fuel oil since most companies, regardless of size, reported sales of this product.

All refiners and all companies reporting sales in more than one state were included in the sample with certainty because of their large average sales volume and because no individual state data was provided on the sampling frame. All companies reporting sales of residual fuel oil and/or kerosene, but no sales of distillate fuel oil, were also selected with certainty because of the small number of companies in this group.

The remaining companies were stratified by the following characteristics:

State

Type of Comapny:
  Retailer
  Retailer/Reseller

Products Sold:
  Distillate Fuel Oil only
  Distillate Fuel Oil and Kerosene
  Distillate Fuel Oil, Residual Fuel Oil, and Kerosene

Volume of Distillate Fuel Oil Sales:
  Greater than or equal to 100,000 barrels
  Less than 100,000 barrels

For each of the noncertainty strata, the variance of distillate fuel oil sales was calculated using the EIA-402 values. Using these variances, the sample size necessary to estimate each state's distillate fuel oil sales within 5 percent with 95 percent confidence was calculated. Distillate fuel oil sales for each state was the sum of distillate fuel oil sales for all single-state companies and the average distillate fuel oil sales per state for all multi-state companies selling in that state. The calculated sample size for a state was then allocated to each of the state's noncertainty strata using the Neymann Allocation, i.e., proportional to the product of the number of companies in the stratum and the square root of the variance of the stratum. The allocation procedure resulted in sampling probabilities ranging from 1/1 to 1/45. A sampling probability of 1/14 was assigned to the EIA-402 nonrespondents. Simple random samples were selected within each stratum. The total sample size was 7,809 companies.

Collection Methods

The EIA-172 forms are sent to respondents in January, and are due 60 days after the end of the report year. The company reports are updated if corrections are submitted. Resubmissions are accepted until the survey tables are to be run for the year.

Response Rates

The response rate on the EIA-172 by the filing date is 60 percent. Certified second requests are mailed to nonrespondents approximately two weeks after the filing deadline, increasing the response rate to 80 percent. Telephone follow-up procedures produce a final response rate of 90 percent.

Note 2: Data Adjustments

Adjusted Sampling Weights

Each company in the EIA-172 sample was assigned an initial sampling weight. A sampling weight is the inverse of the probability that a company will be selected to be in the sample. Each company selected from the same stratum had an equal probability of selection and, therefore an equal sampling weight. After close out of data collection, the sampling weights are adjusted to account for survey nonrespondents. To do this, an adjustment factor equal to the total number of expected responses divided by the actual number of responses received is calculated for each stratum. The expected number of responses is . the original sample size for the stratum, and the actual number of responses is the number which provided usable data plus the number which were identified as out-of-business, out-of-scope, or duplicates. The sampling weight of each of the usable responses within the stratum is then multiplied by the adjustment factor for that stratum to obtain the unit's adjusted sampling weight.

Weighted Survey Data

After calculating the adjusted sampling weights, weighted survey data are generated. The response from each sample company for each product-use category is multiplied by that company's adjusted sampling weight. These weighted company data are then added to weighted data from other companies to obtain totals. For example, weighted product-use data for each company reporting data within a state are summed to obtain the state total for that product-use category. State product-use totals for applicable states are summed to produce PAD District totals and U.S. totals. Aggregates of product-use categories are obtained by summing the totals for component categories within a state or PAD District.

Adjustments to Survey Results

When all preliminary tabulations are verified, comparisons are made between the survey results and available alternate source data. For 1982 the following use categories were replaced by alternate source data at the U.S., PAD District, or State level:

Electric Utility. Distillate and residual fuel oil deliveries for electric utility use were calculated from annual aggregations of data collected on Forms EIA-759, *Monthly Power Plant Report,* and FPC-423, *Monthly Report of Cost and Quality of Fuels for Electric Utility Plants.* Form EIA-759 consumption data for light oils include No. 2 heating, kerosene and jet fuel; the heavy oils include No. 4 fuel oil, residual fuel oil, and crude oil. Using receipt data from Form FPC-423, the No. 4 fuel oil receipts were deleted from the heavy oil consumption data and added to the light oil consumption data. Kerosene and jet fuel receipts were excluded from the light oil consumption data. The resultant distillate (light oils) and residual (heavy oils) consumption data were added to the stock change of light oils and heavy oils, respectively, from Form EIA-759 to obtain the estimate of deliveries for each State.

Military. The National data on distillate and residual fuel oil issued to defense installations (DFSC *DEIS Report*) were allocated by State based on the EIA-172 survey.

On-Highway Diesel. Distillate fuel oil by State was calculated from Federal Highway Administration data on highway use of special fuels. Approximately 98 percent of the special fuels is diesel.

Vessel Bunkering. Residual fuel oil used for foreign trade vessel bunkering at the PAD District level was obtained from the Bureau of the Census Report, *United States Foreign Trade, Bunker Fuels.* To account for all vessel bunkering, including coastal trade, the ratio of total vessel bunkering use to foreign trade use from the data in the 1981 report of fuel oil deliveries was determined for each PAD District and used to inflate the 1982 foreign trade bunkering value. Allocations at the State level were based on the EIA-172 survey.

Final adjustments are made so that the total deliveries at the PAD District (PADD) level equal the PADD product supplied as reported in the "Petroleum Supply Summary" section of this *Petroleum Supply Annual.* For distillate fuel oil in 1982, the PADD adjustments were made to each State and product use category except military use, electric utility use and on-highway diesel use. For residual fuel oil, the adjustments in 1982 were made to each state and use category except military use, electric utility use and vessel bunkering use. All use categories of kerosene were adjusted. The following ratio adjustments were made for 1982:

	Distillate Fuel Oil	Residual Fuel Oil	Kerosene
PADD I	0.902302	0.957601	1.169276
PADD II	1.163968	1.433398	3.606324
PADD III	1.828987	2.436736	25.442513
PADD IV	1.296145	2.306410	7.740741
PADD V	1.254086	1.590014	6.008499

Note 3: Accuracy of the Data

Two types of errors are associated with data produced from a sample survey—sampling errors and nonsampling errors. Sampling errors occur because the estimates are based on a sample rather than a census. The particular sample used for the 1982 Form EIA-172, "Sales Report of Fuel Oil and Kerosene" survey, is one of a large number of samples of equal size which could have been selected from the sampling frame using the same sample design. Each of these samples would produce a different estimate. If the estimates were averaged over all possible samples, the result would be the same as the estimate derived from a census of the sampling frame. The sampling error is a measure of variability among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a census. Nonsampling errors or biases can arise from a number of sources: (1) inability to obtain information about all cases in the sample, (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. Bias is the difference between the average of the estimates over all possible samples of the same size and design and the true value being estimated. It is not possible to estimate bias using the results of one sample.

Data in this section are based primarily on survey data which are subject to sampling error. Estimates of sampling error can be produced for those estimates in this publication which are based on the survey data. The estimates which are adjusted to alternate source totals are not subject to sampling errors, but are subject to non-sampling errors (biases), the magnitudes of which are unknown. Non-sampling errors in the 1982 EIA-172 survey cannot be measured either. Therefore, publishing only estimates of sampling errors for the data in this section would report on only one of the two sources of errors, possibly the smaller of the two. To eliminate the possibility of overstating the reliability of the data, no estimates of sampling error are published.

Note 4: End-Use Descriptions

End-use categories are defined as follows:

All Other Uses. Operations which use fuel oil and kerosene, but which are not classified under any end-use category described in this report. In pre-1979 issues of this report, this classification included some "farm use," which is now a separate category.

Commercial Use. Space heating, water heating, and cooking at non-manufacturing establishments such as apartment buildings, motels, restaurants, wholesale and retail businesses, health and educational institutions, and government buildings. Most of the fuel oil and kerosene deliveries classified in this report under "commercial use" were classified in pre-1979 issues under "heating use." From 1979 on, there is no "heating use" classification.

Electric Utility Company Use. Space heating, the generation of electricity, and other operations at enterprises which produce, transmit, and/or distribute electricity for use by the public.

Farm Use. The operation of farm machinery, including tractors and farm trucks, space heating of buildings, cooking and water heating at farm houses, crop drying, and other activities requiring heat or power by the agricultural sector. The fuel oil deliveries classified in this report under "farm use" were accounted for in pre-1979 issues primarily under the classification "off highway diesel use," "heating use," and "all other uses."

Heating Use. A classification used in pre-1979 issues of this report. This category included space heating for residential, commercial, and industrial operations. Data appearing in this report for years prior to 1979 include this use.

Industrial Use. The operation of machinery, space heating, fueling of onsite conveyances, and other operations at manufacturing plants, assembly plants, processing plants, mines, and smelting plants. Most of the fuel oil deliveries classified under "industrial use" in this report were included under "industrial use" and/or "heating use" in pre-1979 issues.

Military Use. The operation of machinery, space heating, fueling of vessels and trucks, and other operations by the U.S. Armed Forces.

Oil Company Use. The operation of drilling equipment, other field or refinery operations, and space heating at petroleum refineries, pipeline companies, and oil-drilling companies.

Off-Highway Diesel Use. Fueling engines which require diesel fuel, but are not used for transportation, such as construction, logging, and road-building equipment. This classification in pre-1979 issues of this report included "farm use," which is now a separate category.

On-Highway Diesel Use. The fueling of trucks, buses, and automobiles which require diesel fuel and are used in transportation on public roads.

Railroad Use. Fueling trains, operating railroad equipment, space heating of buildings, and other operations. In pre-1979 issues of this report the classification "railroad use" did not include space heating.

Residential Use. Space heating, water heating, cooking, and other household operations at private households, excluding farm houses. Most of the fuel oil and kerosene deliveries classified in this report under "residential use" were classified in pre-1979 issues under "heating use." From 1979 on, there is no "heating use" classification.

Transportation Use. The operations necessary to the conveying of people or things over public roads, railways, or waterways. This includes the fueling of vehicles, the operation of auxiliary equipment, and the heating of buildings.

Vessel Bunkering Use. The fueling of commercial or private boats, such as pleasure craft, fishing boats, tugboats, and ocean-going vessels, including vessels operated by oil companies, and fueling for other marine purposes.

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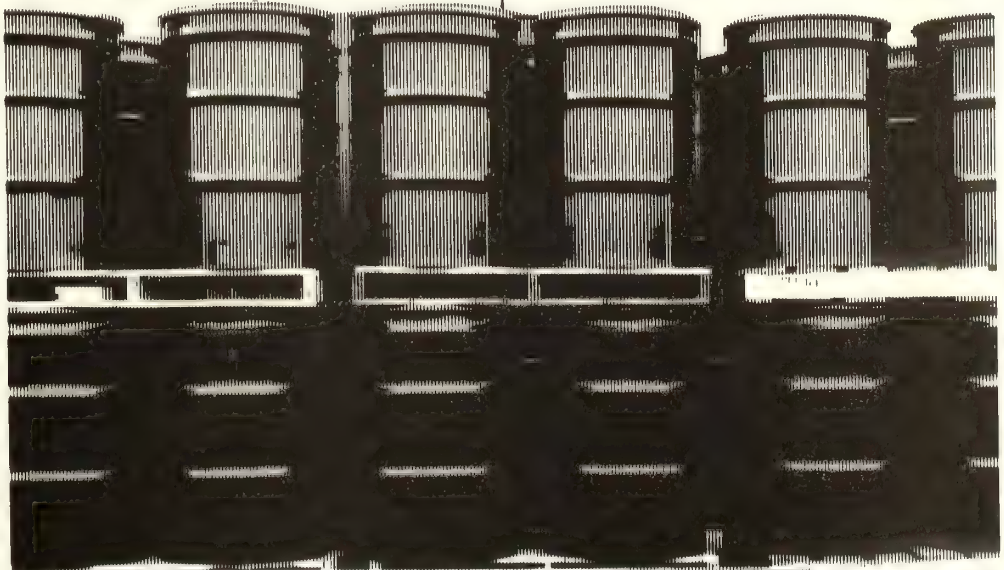


efinitions of Petroleum Products and Other Terms

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; CH-(CH)n-OH, Alcohol includes methanol and ethanol.

Alkylation. A refinery process for chemically combining isoparaffin with olefin hydrocarbons. The product, alkylate, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Deg API} = \frac{141.5}{\text{sp gr 60F/60F}} - 131.5$$

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene and xylene.

Asphalt. A dark-brown-to-black cement-like material, containing bitumens as the predominant constituents, obtained by petroleum processing. The definition includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. The conversion factor for asphalt is 5.5 barrels of 42 U.S. gallons per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Aviation Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished aviation gasoline.

Aviation Gasoline, Finished. All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into finished aviation gasoline.

Barrel. A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons. This measure is used in most statistical reports. Factors for converting petroleum coke, asphalt and wax to barrels are given in the definitions for these products.

Barrels per Calendar Day. The maximum number of barrels of input that can be processed in a twenty-four hour period after making allowances for the following limitations: downstream limitations, environmental constraints, types and grades of inputs, planned and unplanned downtime, and types and grades of products.

Barrels per Stream Day. The amount a unit can process running at full capacity under optimal crude and product slate conditions.

Bi-metallic. A term used to describe a type of catalyst. A catalytic process utilizing a catalyst comprised of two metals (e.g., platinum, rhenium).

Butane. A normally gaseous paraffinic hydrocarbon, C_4H_{10}. It is extracted from natural gas or refinery gas streams. Butane is covered by ASTM Specification D1835 and Gas Processors Association Specification for commercial butane.

> **Isobutane.** A saturated straight-chain hydrocarbon of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees F. This classification includes mixtures of gases that contain 80 percent liquid volume or more isobutane. It is extracted from natural gas and refinery gas streams.
>
> **Normal Butane.** A saturated straight-chain hydrocarbon of butane. It is a colorless paraffinic gas that boils at a temperature of 31.1 degrees F. This classification includes mixtures of gases that contain 80 percent or more normal butane.
>
> **Other Butanes.** All butanes not included as normal butane or isobutane.

Butane-Propane Mixtures. Mixtures consisting exclusively of butane and propane that conform to ASTM Specification D1835 and Gas Processsors Association Specification for commercial butane-propane mixtures. They are extracted from natural gas and refinery gas streams.

Butylene. An olefinic hydrocarbon, C_4H_8, recovered from refinery processes.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil.

Catalytic Hydrocracking. A refining process for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel and/or high grade fuel oil. Hydrocracking is an efficient, relatively low temperature process using hydrogen and a catalyst.

Catalytic Hydrotreating. A process for treating petroleum fractions (e.g., distillate fuel oil and residual fuel oil) and unfinished oils (e.g., naphthas, reformer feeds and heavy gas oil) in the presence of catalysts and substantial quantities of hydrogen to upgrade their quality.

Catalytic Reforming. The use of controlled heat and pressure with catalysts to effect the rearrangement of certain hydrocarbon molecules without altering their composition appreciably; the conversion of low-octane gasoline fractions into higher octane stocks suitable for blending into finished gasoline; also the conversion of naphthas to obtain a more volatile product of higher octane number.

Conventional. A term used to describe a type of catalyst. A catalytic process utilizing a catalyst comprised of a metal and a non-metal (e.g., platinum, alumina).

Coal. A generic term applied to carbonaceous rocks that were formed by the partial or complete decomposition of vegetation. These stratified carbonaceous rocks are either solid or brittle and are highly combustible. Includes lignite, bituminous coal, and anthracite coal which conform to ASTM specification D388.

Crude Distillation. The refining process of separating crude oil components by heating and subsequent condensing of the fractions by cooling.

Crude Oil (Including Lease Condensate). A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite and oil shale. Drip gas is also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable. Crude oil is considered as either domestic or foreign according to the following:

Domestic. Crude oil produced in the United States or from its outer continental shelf as defined in 43 U.S.C. 1331.

Foreign. Crude oil produced outside the United States.

Delayed Coking. A process to produce low Conradson carbon gas for catalytic cracking feedstock and for gasoline.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on-and-off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils; No. 1, No. 2, and No. 4 diesel fuel.

No. 1 Fuel Oil. A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D396 specifies for this grade maximum distillation temperatures of 420 degrees F. at the 10 percent point and 550 degrees F. at the 90 percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees F.

No. 2 Fuel Oil. A distillate fuel oil for use in atomizing-type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D396 specifies for this grade distillation temperatures at the 90 percent point between 540 degrees and 640 degrees F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees F.

No. 1 and No. 2 Diesel Fuel Oils. Distillate fuel oils used in compression-ignition engines, as given by ASTM Specification D975:

No. 1-D. A volatile distillate fuel oil with a boiling range between 300-575 degrees F. and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specifications D975.

No. 2-D. A gas oil type distillate of lower volatility with distillation temperatures at the 90 percent point between 540-640 degrees F. for use in high-speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D975.

No. 4 Fuel Oil. A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D396 or Federal Specifications VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees F. Also included is No.4-D, a fuel oil for low-and medium-speed diesel engines that conforms to ASTM Specification D975.

Eastern Hemisphere. That half of the earth east of the Atlantic Ocean which includes Europe, Asia, Africa and Australia. The Hawaiian Foreign Trade Zone is in this hemisphere.

Electric Energy (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ethane. A normally gaseous paraffinic compound (C2H6), extracted from natural gas and refinery gas streams. Ethane includes any products containing 90 percent liquid volume or more ethane.

Ethane-Propane Mixtures. Mixtures of ethane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted from natural gas and refinery gas streams.

Ethylene. An olefinic hydrocarbon (C2H4), recovered from refinery or petrochemical processes.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, and new supply of other hydrocarbons and alcohol.

Fluid Coking. A thermal process utilizing the fluidized-solids technique for continuous conversion of heavy, low-grade oils into lighter products.

Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished aviation or motor gasoline.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. Derives its name from having originally been used in the manufacture of illuminating gas. Now supplies distillate-type fuel oils and diesel fuel, also cracked to produce gasoline.

Imported Crude Oil Burned as Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sand oil, gilsonite, and oil shale.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule. Used to convert normal butane into isobutane, an alkylation process feedstock, and normal pentane and hexane into isopentane and isohexane, high-octane gasoline components.

Kerosene. A petroleum distillate that boils at a temperature between 300-550 degrees F., that has a flash point higher than 100 degrees F. by ASTM Method D56, that has a gravity range from 40-46 degrees API, and that has a burning point in the range of 150-175 degrees F. Included are the two classifications recognized by ASTM D-3699. No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. 1 fuel oil, but with a gravity of about 43 degrees API and a maximum end-point of 625 degrees F. Kerosene is used in space heaters, cook stoves, and water heaters and is suitable for use as an illuminant when burned in wick lamps.

Kerosene-Type Jet Fuel. A quality kerosene product with an average gravity of 40.7 degrees API, a 10 percent distillation temperature of 400 degrees F. It is covered by ASTM Specification D1655 and Military Specifications MIL-T-5624L (Grades JP-5 and JP-8). A relatively low-freezing point distillate of the kerosene type; it is used primarily for commercial turbojet and turboprop aircraft engines.

Lease Condensate. A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Liquefied Petroleum Gases (LPG). Propane, propylene, butanes, butylene, butane-propane mixtures, ethane-propane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw natural gas plant liquids.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration they are retained in the liquid state. The reported categories are ethane and/or ethylene, propane and/or propylene, butane and/or butylene, butane-propane mixtures, and isobutane. Excludes still gases used for chemical or rubber manufacture which are reported as a petrochemical feedstock and also excludes liquefied gases ready for blending into gasoline which are reported as gasoline blending components. Liquefied refinery gases are reported for use as petrochemical feedstocks or other uses.

Lubricating Oils. A substance used to reduce friction between bearing surfaces. Petroleum lubricants may be produced either from distillates or residues. Other substances may be added to impart or improve certain required properties. Lubricants includes all grades of lubricating oils from spindle oil to cylinder oil and those used in greases. The three categories include Bright Stock, Neutral, and Other.

Bright Stock. A refined, high viscosity lubricating oil base stock that is usually made from residuum by a treatment such as deasphalting, acid treatment, or solvent extraction.

Neutral. A distillate lubricating oil base stock with a viscosity that is usually not above 550 Saybolt Universal Seconds (SUS) at 100 degrees F. It is prepared by a treatment such as hydrofining, acid treatment, or solvent extraction.

Other. A lubricating oil base stock used in finished lubricating oils and greases, including black, coastal, and red oils.

Middle Distillates. A general classification that includes distillate fuel oil and kerosene.

Miscellaneous Products. Includes all finished products not classified elsewhere, e.g., petrolatum, absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, specialty oils and medicinal oils.

Motor Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished motor gasoline. Pool gasoline is included in this category.

Motor Gasoline, Finished. A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, that have been blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D439 or Federal Specification VV-G-1690B, include a boiling range of 122 degrees to 158 degrees F. at the 10 percent point to 365 degrees to 374 degrees F. at the 90 percent point and a Reid vapor pressure range from 9 to 15 psi. Motor gasoline includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Finished Leaded Gasoline. Contains more than 0.05 gram of lead per gallon or more than 0.005 gram of phosphorus per gallon. The actual lead content of any given gallon, however, may vary as a function of the size of the producer and company according to specific Environmental Protection Agency waiver provisions. Premium and regular grades are included, depending on the octane rating. Includes leaded gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Finished Unleaded Gasoline. Contains not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating. Includes unleaded gasohol. Blend stock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Gasohol. A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) in which 10 percent or more of the product is alcohol.

Motor Gasoline, Total. Includes finished leaded motor gasoline, finished unleaded motor gasoline, motor gasoline blending components, and gasohol.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade JP-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

Natural Gas. A mixture of hydrocarbons and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, butane, natural gasoline, etc., and to control the quality of natural gas to be marketed.

Natural Gas Plant Liquids. Natural gas liquids recovered from natural gas in gas processing plants, and in some situations, from natural gas field facilities. Natural gas liquids extracted by fractionators are also included. These liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials, and are classified as follows: Ethane, propane, ethane-propane mix, isobutane, butane, butane-propane mix, isopentane, natural gasoline, plant condensate, unfractionated stream, and other products from natural gas processing plants (i.e., products meeting the standards of finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphthas, kerosene, distillate fuel oil, and miscellaneous products).

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon. C5H12, obtained by fractionation of natural gasoline or isomerization of normal pentane.

OPEC. The acronym for the Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

Operable Distillation Capacity. The maximum amount of input that can be processed by a crude oil distillation unit in a 24-hour period, making allowances for processing limitations due to types and grades of inputs, limitations of downstream facilities, scheduled and unscheduled downtimes, and environmental constraints. Includes any shutdown capacity that could be placed in operation within 90 days.

Other Hydrocarbons. Materials received by a refinery and consumed as raw materials. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Petrochemical Feedstock Use. Chemical feedstocks derived from petroleum, principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are Naphtha-less than 400 degrees F. end-point and Other oils-over 400 degrees F. end-point.

Napththa-Less Than 400 Degrees F. End-Point. A naphtha with an end point of less than 400 degrees F. that is reported as used as a petrochemical feedstock.

Other Oils-Over 400 Degrees F. End-Point. Oils with an end point over 400 degrees F. that are reported as used as a petrochemical feedstock.

Petroleum Coke. A residue, the final product of the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is five barrels of 42 U.S. gallons per short ton.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This green coke may be sold or further purified by calcining.

Catalyst Coke. In many catalytic operations (i.e., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refinery process. This carbon or coke is not recoverable in a concentrated form.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, natural gasoline and isopentane, plant condensate, unfractionated stream, liquefied petroleum gases, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, naphtha less than 400° F. end-point, other oils - over 400° F. end-point, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Petroleum Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas plant liquids, other hydrocarbons, and alcohol.

Plant Condensate. One of the natural gas plant liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Primary Stocks. Stocks of crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tankfarms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks excludes stocks of foreign origin that are held in bonded warehouse storage.

Propane. A normally gaseous paraffinic compound, C3H8, which includes all products covered by NGPA Specification for commercial and HD-5 propane and ASTM Specification D1835. It is used primarily as a fuel and as a petrochemical feedstock.

Propylene. An olefinic hydrocarbon, C3H6, recovered from refinery or petrochemical processes.

Residual Fuel Oil. The topped crude of refinery operation which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), and Bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes. Includes imported crude oil to be burned as a fuel.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust pallative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Special Naphthas. All finished products within the gasoline range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point and have a boiling range of 90 degrees to 220 degrees F. Special naphthas includes all commercial hexane and cleaning solvents conforming to ASTM Specifications D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gas produced in refineries by distillation cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, butane, butylene, propane, propylene, etc. Still gas is reported for petrochemical feedstock use and/or refinery fuel use.

> **Petrochemical Feedstock Use.** Includes all refinery streams which are used by chemical or rubber manufacturing operations for further processing, less the amount of such streams returned to the source refinery. Finished petrochemical products are not included. For example, polyethylene, butadiene, etc., are considered petrochemical products; therefore, only their feedstock equivalents are included.
>
> **Fuel Use.** All other still gas.

Strategic Petroleum Reserve (SPR). Stocks (currently, only crude oil) maintained by the Federal Government for use during periods of major supply interruption.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking is used to increase the yield of gasoline obtainable from crude oil.

Unfinished Oils. Includes all oils requiring further processing, except those requiring only mechanical blending.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those included in plant condensate. This product is extracted from natural gas.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique, with its relatively low temperatures, prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy vacuum-still bottoms produced on the primary distillation unit are cracked to increase production of distillate products.

Wax. A solid or semi-solid material derived from petroleum distillates or residues by such treatments as chilling, precipitating with a solvent, or de-oiling. It is light-colored, more-or-less translucent crystalline mass, slightly greasy to the touch, consisting of a mixture of solid hydrocarbons in which the paraffin series predominates. Includes all marketable wax whether crude scale or fully refined. The three grades included are microcrystalline, crystalline-fully refined, and crystalline-other. The conversion factor is 280 pounds per 42-gallon barrel.

> **Microcrystalline Wax.** Wax extracted from certain petroleum residues having a finer and less apparent crystalline structure than paraffin wax and having the following physical characteristics:

Penetration at 77 degrees F. (D-1321)-60 maximum. Viscosity at 210 degrees F. in Saybolt Universal Seconds (SUS) (D-88)-60 SUS (10.22 centistokes) minimum to 150 SUS (31.8 centistokes) maximum. Oil content (D-721)-5 percent minimum.

Crystalline-Fully Refined Wax. A light-colored paraffin wax having the following characteristics:

Viscosity at 210 degrees F. (D-88)-59.9 SUS (10.18 centistokes) maximum. Oil Content (D-721)-0.5 percent maximum. Other + 20 color, Saybolt minimum.

Crystalline-Other Wax. A paraffin wax having the following characteristics:

Viscosity at 210 degrees F. (D-88)-59.9 SUS (10.18 centistokes) maximum. Oil Content (D-721)-0.51 percent minimum to 15 percent maximum.

Western Hemisphere. That half of the earth that includes North and South America and the surrounding waters.

Bureau of Mines Petroleum Refining Districts and PAD Districts

The following are the Bureau of Mines petroleum refining districts which make up the PAD districts:

PAD District I

East Coast: District of Columbia and the states of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian #1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

PAD District II

Appalachian #2: The following counties of the State of Ohio: Erie, Huron, Crawford, Marion, Delaware, Franklin, Pickaway, Ross, Pike, Scioto, and all counties east thereof.

Indiana - Illinois - Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and that part of the State of Ohio not included in the Appalachian District.

Minnesota - Wisconsin - North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma - Kansas - Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana - Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

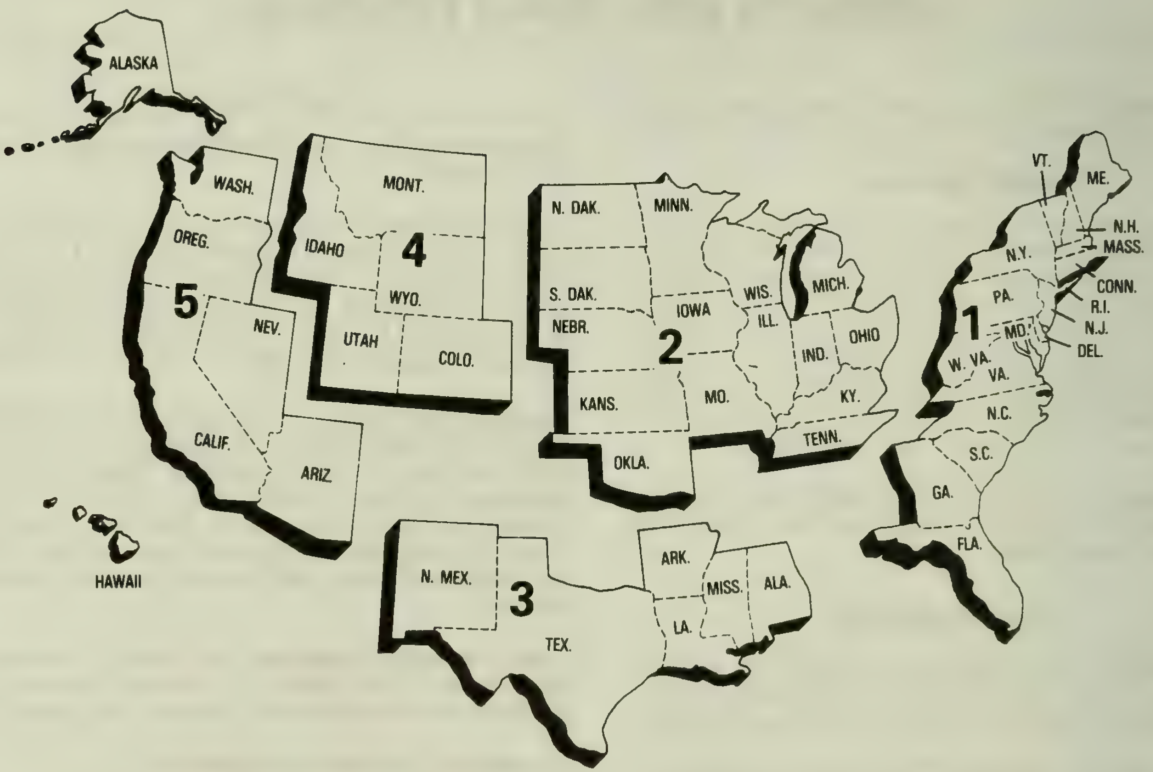
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

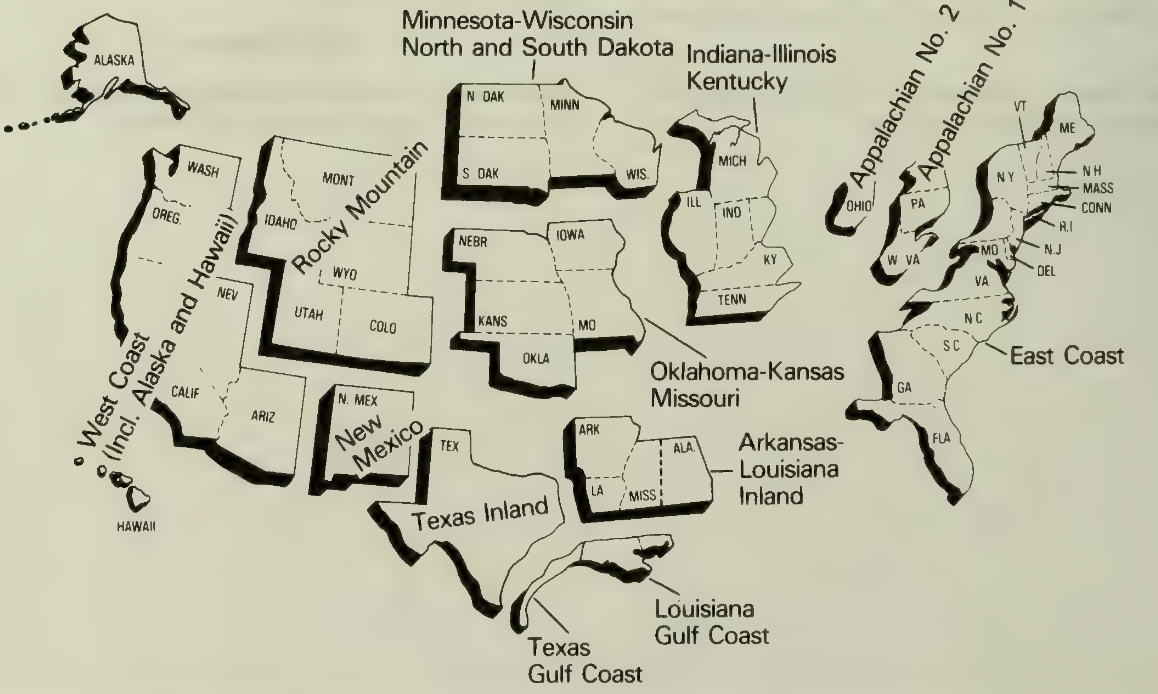
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Bureau of Mines Refining Districts



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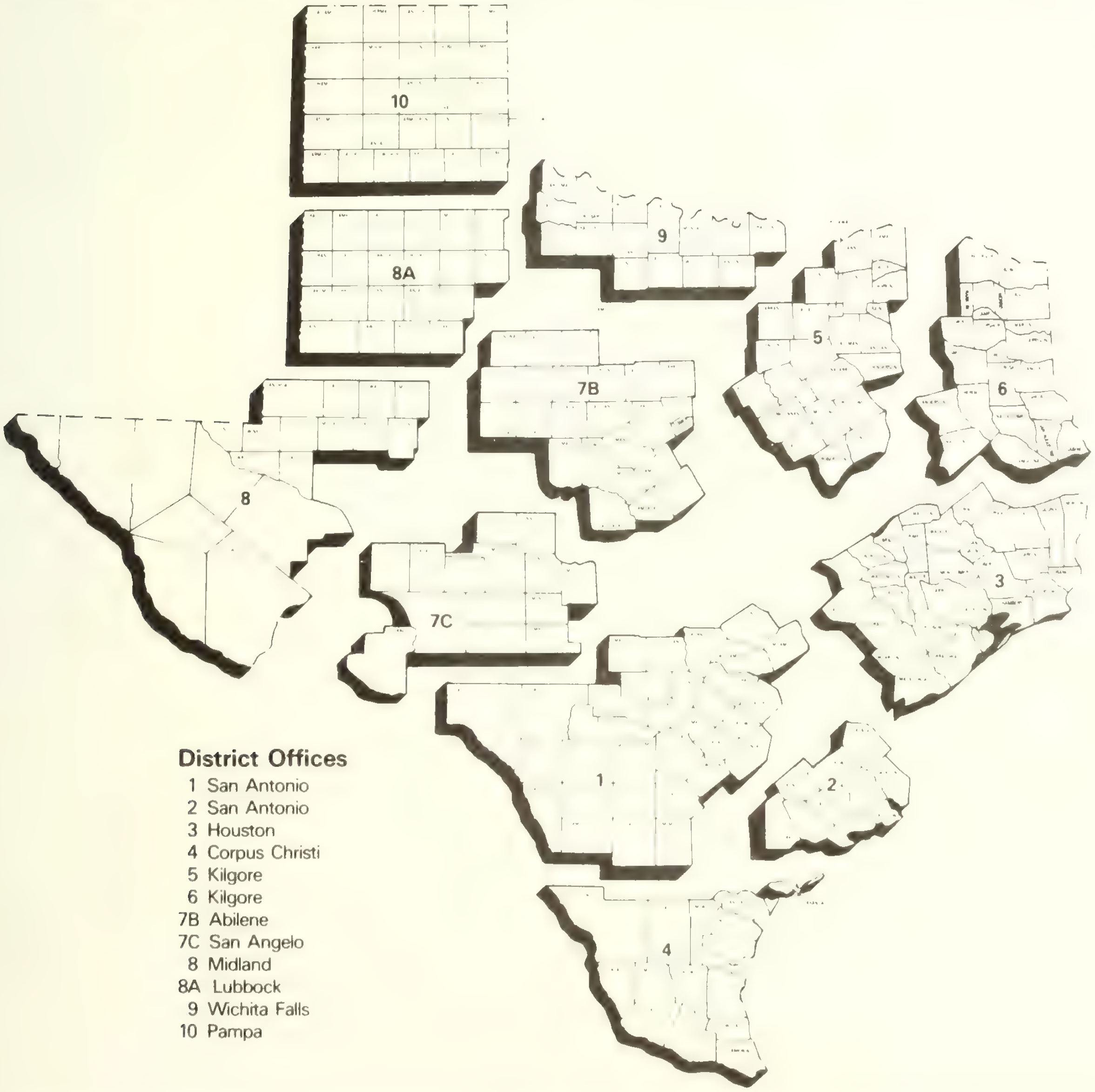

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DOE/EIA-0340(82)/2
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upply Annual
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Energy Information Administration
Washington, D.C. 20585

June 1983

DOE/EIA-0340(82)/2
Volume 2 of 2
Dist. Category UC-98

4 1983
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

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Released for printing: June 22, 1983.

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32 Monthly Statistics

Table 1. U.S. Petroleum Balance, January 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,846	1,705
(2) Lower 48 States	210,947	6,805
(3) Total U.S.	263,793	8,509
Net Imports		
(4) Imports (Gross Excl. SPR)	109,208	3,523
(5) SPR Imports	5,271	170
(6) Exports	7,383	238
(7) Imports (Net Including SPR)	107,096	3,455
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-4,930	-159
(9) Other Stock Withdrawal (+) or Addition (-)	-7,498	-242
(10) Used Directly and Losses	-2,041	-66
(11) Unaccounted for [1]	3,140	101
(12) Total Other Sources	-11,329	-365
(13) Crude Input to Refineries	359,560	11,599
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	48,907	1,578
(15) Imports [2]	451	15
(16) Stock Withdrawal (+) or Addition (-) [2]	-351	-11
(17) Total NGPL Supply	49,007	1,581
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-2,564	-83
(19) Imports	6,407	207
(20) Other Hydrocarbons and Alcohol New Supply	1,266	41
(21) Refinery Processing Gain [1]	15,428	498
(22) Crude Used Directly	1,947	63
(23) Total Other Liquids	22,484	725
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	431,051	13,905
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	43,962	1,418
(26) Exports	18,310	591
(27) Imports (Net)	25,652	827
(28) Total New Supply of Products	456,703	14,732
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	43,140	1,392
(30) Total Products Supplied for Domestic Use	499,843	16,124
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	184,779	5,961
(32) Naphtha-Type Jet Fuel	5,092	164
(33) Kerosene-Type Jet Fuel	26,999	871
(34) Kerosene	6,363	205
(35) Distillate Fuel Oils	108,012	3,484
(36) Residual Fuel Oils	67,729	2,185
(37) Liquefied Gases and Ethane	57,762	1,863
(38) Other	51,375	1,657
(39) Total Reclassified [1]	-8,268	-267
(40) Total Product Supplied	499,843	16,124
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	370,962	--
(42) Strategic Petroleum Reserve (SPR)	235,271	--
(43) Unfinished Oils	115,868	--
(44) Gasoline Blending Components	48,475	--
(45) Natural Gasoline and Unfractionated Stream	15,870	--
(46) Finished Refined Products [3]	669,405	--
(47) Total Stocks	1,455,851	--

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

-- Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, February 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	47,783	1,707
(2) Lower 48 States	195,878	6,996
(3) Total U.S.	243,661	8,702
Net Imports		
(4) Imports (Gross Excl. SPR)	79,245	2,830
(5) SPR Imports	4,463	159
(6) Exports	8,521	304
(7) Imports (Net Including SPR)	75,187	2,685
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-5,970	-213
(9) Other Stock Withdrawal (+) or Addition (-)	-800	-29
(10) Used Directly and Losses	-1,843	-66
(11) Unaccounted for [1]	4,381	156
(12) Total Other Sources	-4,232	-151
(13) Crude Input to Refineries	314,616	11,236
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	43,756	1,563
(15) Imports [2]	151	5
(16) Stock Withdrawal (+) or Addition (-) [2]	-1,679	-60
(17) Total NGPL Supply	42,227	1,508
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-1,264	-45
(19) Imports	5,589	200
(20) Other Hydrocarbons and Alcohol New Supply	1,317	47
(21) Refinery Processing Gain [1]	15,223	544
(22) Crude Used Directly	1,786	64
(23) Total Other Liquids	22,651	809
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	379,495	13,553
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	45,140	1,612
(26) Exports	13,986	499
(27) Imports (Net)	31,154	1,113
(28) Total New Supply of Products	410,649	14,666
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	37,390	1,335
(30) Total Products Supplied for Domestic Use	448,039	16,001
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	173,483	6,196
(32) Naphtha-Type Jet Fuel	6,142	219
(33) Kerosene-Type Jet Fuel	23,333	833
(34) Kerosene	4,970	177
(35) Distillate Fuel Oils	86,383	3,085
(36) Residual Fuel Oils	65,637	2,344
(37) Liquefied Gases and Ethane	45,392	1,621
(38) Other	50,141	1,791
(39) Total Reclassified [1]	-7,440	-266
(40) Total Product Supplied	448,039	16,001
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	371,762	—
(42) Strategic Petroleum Reserve (SPR)	241,241	—
(43) Unfinished Oils	116,527	—
(44) Gasoline Blending Components	49,080	—
(45) Natural Gasoline and Unfractionated Stream	17,549	—
(46) Finished Refined Products [3]	632,015	—
(47) Total Stocks	1,428,174	—

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, March 1982

Commodity	Current Month Thousand Barrels	Current Month Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,591	1,696
(2) Lower 48 States	216,096	6,971
(3) Total U.S.	268,687	8,667
Net Imports		
(4) Imports (Gross Excl. SPR)	83,366	2,689
(5) SPR Imports	5,738	185
(6) Exports	9,950	321
(7) Imports (Net Including SPR)	79,154	2,553
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-7,296	-235
(9) Other Stock Withdrawal (+) or Addition (-)	11,053	357
(10) Used Directly and Losses	-2,109	-68
(11) Unaccounted for [1]	64	2
(12) Total Other Sources	1,712	55
(13) Crude Input to Refineries	349,553	11,276
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	48,719	1,572
(15) Imports [2]	187	6
(16) Stock Withdrawal (+) or Addition (-) [2]	268	9
(17) Total NGPL Supply	49,174	1,586
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	419	14
(19) Imports	4,744	153
(20) Other Hydrocarbons and Alcohol New Supply	1,398	45
(21) Refinery Processing Gain [1]	15,775	509
(22) Crude Used Directly	1,949	63
(23) Total Other Liquids	24,285	783
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	423,012	13,646
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	44,974	1,451
(26) Exports	17,393	561
(27) Imports (Net)	27,581	890
(28) Total New Supply of Products	450,592	14,535
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	31,782	1,025
(30) Total Products Supplied for Domestic Use	482,375	15,560
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	200,459	6,466
(32) Naphtha-Type Jet Fuel	6,517	210
(33) Kerosene-Type Jet Fuel	23,851	769
(34) Kerosene	3,640	117
(35) Distillate Fuel Oils	91,289	2,945
(36) Residual Fuel Oils	58,996	1,903
(37) Liquefied Gases and Ethane	50,057	1,615
(38) Other	56,715	1,830
(39) Total Reclassified [1]	-9,151	-295
(40) Total Product Supplied	482,375	15,560
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	360,709	—
(42) Strategic Petroleum Reserve (SPR)	248,537	—
(43) Unfinished Oils	115,881	—
(44) Gasoline Blending Components	49,307	—
(45) Natural Gasoline and Unfractionated Stream	17,281	—
(46) Finished Refined Products [3]	600,232	—
(47) Total Stocks	1,391,947	—

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, April 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	50,743	1,691
(2) Lower 48 States	206,995	6,900
(3) Total U.S.	257,738	8,591
Net Imports		
(4) Imports (Gross Excl. SPR)	79,773	2,659
(5) SPR Imports	5,694	190
(6) Exports	5,234	174
(7) Imports (Net Including SPR)	80,233	2,674
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-6,997	-233
(9) Other Stock Withdrawal (+) or Addition (-)	5,890	196
(10) Used Directly and Losses	-2,027	-68
(11) Unaccounted for [1]	6,928	231
(12) Total Other Sources	3,794	126
(13) Crude Input to Refineries	341,765	11,392
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	46,244	1,541
(15) Imports [2]	173	6
(16) Stock Withdrawal (+) or Addition (-) [2]	2,026	68
(17) Total NGPL Supply	48,442	1,615
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	2,641	88
(19) Imports	5,930	198
(20) Other Hydrocarbons and Alcohol New Supply	1,664	55
(21) Refinery Processing Gain [1]	14,715	490
(22) Crude Used Directly	1,953	65
(23) Total Other Liquids	26,903	897
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	417,111	13,904
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	39,771	1,326
(26) Exports	18,331	611
(27) Imports (Net)	21,440	715
(28) Total New Supply of Products	438,551	14,618
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	42,837	1,428
(30) Total Products Supplied for Domestic Use	481,387	16,046
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	206,923	6,897
(32) Naphtha-Type Jet Fuel	6,669	222
(33) Kerosene-Type Jet Fuel	23,455	782
(34) Kerosene	3,264	109
(35) Distillate Fuel Oils	89,338	2,978
(36) Residual Fuel Oils	57,685	1,923
(37) Liquefied Gases and Ethane	43,728	1,458
(38) Other	57,195	1,907
(39) Total Reclassified [1]	-6,870	-229
(40) Total Product Supplied	481,389	16,046
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	354,819	—
(42) Strategic Petroleum Reserve (SPR)	255,534	—
(43) Unfinished Oils	119,102	—
(44) Gasoline Blending Components	43,445	—
(45) Natural Gasoline and Unfractionated Stream	15,255	—
(46) Finished Refined Products [3]	557,395	—
(47) Total Stocks	1,345,550	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, May 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,921	1,707
(2) Lower 48 States	216,265	6,976
(3) Total U.S.	269,186	8,683
Net Imports		
(4) Imports (Gross Excl. SPR)	96,257	3,105
(5) SPR Imports	6,320	204
(6) Exports	8,111	262
(7) Imports (Net Including SPR)	94,467	3,047
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-5,460	-176
(9) Other Stock Withdrawal (+) or Addition (-)	6,355	205
(10) Used Directly and Losses	-2,013	-65
(11) Unaccounted for [1]	3,437	111
(12) Total Other Sources	2,319	75
(13) Crude Input to Refineries	365,972	11,806
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	47,062	1,518
(15) Imports [2]	374	12
(16) Stock Withdrawal (+) or Addition (-) [2]	767	25
(17) Total NGPL Supply	48,203	1,555
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	2,714	88
(19) Imports	7,457	241
(20) Other Hydrocarbons and Alcohol New Supply	1,329	43
(21) Refinery Processing Gain [1]	16,198	523
(22) Crude Used Directly	1,936	62
(23) Total Other Liquids	29,634	956
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	443,809	14,316
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	38,747	1,250
(26) Exports	16,797	542
(27) Imports (Net)	21,950	708
(28) Total New Supply of Products	465,758	15,024
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-5,514	-178
(30) Total Products Supplied for Domestic Use	460,244	14,847
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	206,306	6,655
(32) Naphtha-Type Jet Fuel	6,457	208
(33) Kerosene-Type Jet Fuel	24,775	799
(34) Kerosene	3,215	104
(35) Distillate Fuel Oils	75,776	2,444
(36) Residual Fuel Oils	48,355	1,560
(37) Liquefied Gases and Ethane	43,480	1,403
(38) Other	59,440	1,917
(39) Total Reclassified [1]	-7,559	-244
(40) Total Product Supplied	460,244	14,847
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	348,464	—
(42) Strategic Petroleum Reserve (SPR)	260,994	—
(43) Unfinished Oils	118,200	—
(44) Gasoline Blending Components	41,633	—
(45) Natural Gasoline and Unfractionated Stream	14,488	—
(46) Finished Refined Products [3]	562,910	—
(47) Total Stocks	1,346,689	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, June 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	49,951	1,665
(2) Lower 48 States	209,432	6,981
(3) Total U.S.	259,383	8,646
Net Imports		
(4) Imports (Gross Excl. SPR)	111,956	3,732
(5) SPR Imports	3,137	105
(6) Exports	2,819	94
(7) Imports (Net Including SPR)	112,274	3,742
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-3,147	-105
(9) Other Stock Withdrawal (+) or Addition (-)	4,334	144
(10) Used Directly and Losses	-2,014	-67
(11) Unaccounted for [1]	3,984	133
(12) Total Other Sources	3,157	105
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	374,814	12,494
Natural Gas Plant Liquids (NGPL)		
(14) Production	45,316	1,511
(15) Imports [2]	824	27
(16) Stock Withdrawal (+) or Addition (-) [2]	498	17
(17) Total NGPL Supply	46,638	1,555
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-223	-7
(19) Imports	6,931	231
(20) Other Hydrocarbons and Alcohol New Supply	1,660	55
(21) Refinery Processing Gain [1]	14,567	486
(22) Crude Used Directly	1,813	60
(23) Total Other Liquids (23) = (18) through (22)	24,748	825
(24) Total Production of Petroleum Products [3] (24) = (13) + (17) + (23)	446,200	14,873
Net Imports of Refined Products [3]		
(25) Imports (Gross)	36,965	1,232
(26) Exports	18,274	609
(27) Imports (Net)	18,691	623
(28) Total New Supply of Products (28) = (24) + (27)	464,891	15,496
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-14,947	-498
(30) Total Products Supplied for Domestic Use (30) = (28) + (29)	449,944	14,998
(31) Total Finished Motor Gasoline	205,058	6,835
(32) Naphtha-Type Jet Fuel	6,872	229
(33) Kerosene-Type Jet Fuel	22,832	761
(34) Kerosene	2,479	83
(35) Distillate Fuel Oils	73,547	2,452
(36) Residual Fuel Oils	45,027	1,501
(37) Liquefied Gases and Ethane	37,611	1,254
(38) Other	65,567	2,186
(39) Total Reclassified [1]	-9,050	-302
(40) Total Product Supplied (40) = (31) through (39)	449,944	14,998
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	344,130	—
(42) Strategic Petroleum Reserve (SPR)	264,141	—
(43) Unfinished Oils	117,998	—
(44) Gasoline Blending Components	42,058	—
(45) Natural Gasoline and Unfractionated Stream	13,990	—
(46) Finished Refined Products [3]	577,857	—
(47) Total Stocks	1,360,174	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, July 1982

	Commodity	Current Month	
		Thousand Barrels	Thousand Barrels per Day
	Crude Oil (Including Lease Condensate)		
	Field Production		
(1)	Alaska	53,015	1,710
(2)	Lower 48 States	215,383	6,948
(3)	Total U.S.	268,398	8,658
	Net Imports		
(4)	Imports (Gross Excl. SPR)	128,663	4,150
(5)	SPR Imports	3,014	97
(6)	Exports	7,105	229
(7)	Imports (Net Including SPR)	124,572	4,018
	Other Sources		
(8)	SPR Withdrawal (+) or Addition (-)	-3,013	-97
(9)	Other Stock Withdrawal (+) or Addition (-)	-1,551	-50
(10)	Used Directly and Losses	-1,955	-63
(11)	Unaccounted for [1]	-626	-20
(12)	Total Other Sources	-7,145	-230
(13)	Crude Input to Refineries (13) = (3) + (7) + (12)	385,825	12,446
	Natural Gas Plant Liquids (NGPL)		
(14)	Production	46,892	1,513
(15)	Imports [2]	1,542	50
(16)	Stock Withdrawal (+) or Addition (-) [2]	-788	-25
(17)	Total NGPL Supply	47,647	1,537
	Other Liquids		
	Unfinished Oils and Gasoline Blending Components, Total		
(18)	Stock Withdrawal (+) or Addition (-)	-1,591	-51
(19)	Imports	7,312	236
(20)	Other Hydrocarbons and Alcohol New Supply	1,805	58
(21)	Refinery Processing Gain [1]	16,736	540
(22)	Crude Used Directly	1,863	60
(23)	Total Other Liquids (23) = (18) through (22)	26,125	843
(24)	Total Production of Petroleum Products [3] (24) = (13) + (17) + (23)	459,597	14,826
	Net Imports of Refined Products [3]		
(25)	Imports (Gross)	42,049	1,356
(26)	Exports	15,867	512
(27)	Imports (Net)	26,183	845
(28)	Total New Supply of Products (28) = (24) + (27)	485,780	15,670
(29)	Refined Products Stock Withdrawal (+) or Addition (-) [3]	-26,343	-850
(30)	Total Products Supplied for Domestic Use (30) = (28) + (29)	459,437	14,821
(31)	Total Finished Motor Gasoline	210,502	6,790
(32)	Naphtha-Type Jet Fuel	6,860	221
(33)	Kerosene-Type Jet Fuel	24,194	780
(34)	Kerosene	2,985	96
(35)	Distillate Fuel Oils	63,786	2,058
(36)	Residual Fuel Oils	48,051	1,550
(37)	Liquefied Gases and Ethane	43,374	1,399
(38)	Other	71,194	2,297
(39)	Total Reclassified [1]	-11,510	-371
(40)	Total Product Supplied (40) = (31) through (39)	459,437	14,821
	Ending Stocks, All Oils		
(41)	Crude Oil and Lease Condensate (Excluding SPR)	345,681	--
(42)	Strategic Petroleum Reserve (SPR)	267,154	--
(43)	Unfinished Oils	117,778	--
(44)	Gasoline Blending Components	43,869	--
(45)	Natural Gasoline and Unfractionated Stream	14,778	--
(46)	Finished Refined Products [3]	604,199	--
(47)	Total Stocks	1,393,459	--

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

-- Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, August 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,615	1,697
(2) Lower 48 States	215,028	6,936
(3) Total U.S.	267,643	8,634
Net Imports		
(4) Imports (Gross Excl. SPR)	112,934	3,643
(5) SPR Imports	6,459	208
(6) Exports	9,419	304
(7) Imports (Net Including SPR)	109,974	3,548
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-6,439	-208
(9) Other Stock Withdrawal (+) or Addition (-)	-7,188	-232
(10) Used Directly and Losses	-1,829	-59
(11) Unaccounted for [1]	5,847	189
(12) Total Other Sources	-9,609	-310
(13) Crude Input to Refineries	368,008	11,871
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	47,257	1,524
(15) Imports [2]	132	4
(16) Stock Withdrawal (+) or Addition (-) [2]	613	20
(17) Total NGPL Supply	48,002	1,548
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	2,545	82
(19) Imports	7,217	233
(20) Other Hydrocarbons and Alcohol New Supply	1,766	57
(21) Refinery Processing Gain [1]	16,601	536
(22) Crude Used Directly	1,768	57
(23) Total Other Liquids	29,897	964
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	445,907	14,384
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	35,815	1,155
(26) Exports	17,167	554
(27) Imports (Net)	18,648	602
(28) Total New Supply of Products	464,555	14,986
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-4,537	-146
(30) Total Products Supplied for Domestic Use	460,018	14,839
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	205,034	6,614
(32) Naphtha-Type Jet Fuel	6,960	225
(33) Kerosene-Type Jet Fuel	23,482	757
(34) Kerosene	2,427	78
(35) Distillate Fuel Oils	68,752	2,218
(36) Residual Fuel Oils	47,443	1,530
(37) Liquefied Gases and Ethane	39,558	1,276
(38) Other	70,763	2,283
(39) Total Reclassified [1]	-4,401	-142
(40) Total Product Supplied	460,018	14,839
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	352,869	—
(42) Strategic Petroleum Reserve (SPR)	273,593	—
(43) Unfinished Oils	116,759	—
(44) Gasoline Blending Components	42,343	—
(45) Natural Gasoline and Unfractionated Stream	14,165	—
(46) Finished Refined Products [3]	608,736	—
(47) Total Stocks	1,408,465	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, September 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	51,147	1,705
(2) Lower 48 States	209,881	6,996
(3) Total U.S.	261,028	8,701
Net Imports		
(4) Imports (Gross Excl. SPR)	104,903	3,497
(5) SPR Imports	4,176	139
(6) Exports	5,524	184
(7) Imports (Net Including SPR)	103,555	3,452
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-4,291	-143
(9) Other Stock Withdrawal (+) or Addition (-)	12,194	406
(10) Used Directly and Losses	-1,800	-60
(11) Unaccounted for[1]	-6,312	-210
(12) Total Other Sources	-209	-7
(13) Crude Input to Refineries	364,374	12,146
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	45,546	1,518
(15) Imports[2]	1,062	35
(16) Stock Withdrawal (+) or Addition (-)[2]	1,228	41
(17) Total NGPL Supply	47,837	1,595
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	-1,881	-63
(19) Imports	6,377	213
(20) Other Hydrocarbons and Alcohol New Supply	1,797	60
(21) Refinery Processing Gain[1]	15,499	517
(22) Crude Used Directly	1,687	56
(23) Total Other Liquids	23,479	783
(23) = (18) through (22)		
(24) Total Production of Petroleum Products[3]	435,690	14,523
(24) = (13) + (17) + (23)		
Net Imports of Refined Products[3]		
(25) Imports (Gross)	45,910	1,530
(26) Exports	18,193	606
(27) Imports (Net)	27,717	924
(28) Total New Supply of Products	463,407	15,447
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-)[3]	-12,749	-425
(30) Total Products Supplied for Domestic Use	450,658	15,022
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	195,929	6,531
(32) Naphtha-Type Jet Fuel	5,777	193
(33) Kerosene-Type Jet Fuel	25,197	840
(34) Kerosene	3,234	108
(35) Distillate Fuel Oils	75,197	2,507
(36) Residual Fuel Oils	44,113	1,470
(37) Liquefied Gases and Ethane	43,886	1,463
(38) Other	66,556	2,219
(39) Total Reclassified[1]	-9,230	-308
(40) Total Product Supplied	450,658	15,022
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	340,675	--
(42) Strategic Petroleum Reserve (SPR)	277,884	--
(43) Unfinished Oils	117,826	--
(44) Gasoline Blending Components	43,157	--
(45) Natural Gasoline and Unfractionated Stream	12,937	--
(46) Finished Refined Products[3]	621,485	--
(47) Total Stocks	1,413,964	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, October 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,879	1,706
(2) Lower 48 States	216,866	6,996
(3) Total U.S.	269,745	8,701
Net Imports		
(4) Imports (Gross Excl. SPR)	107,063	3,454
(5) SPR Imports	6,702	216
(6) Exports	8,384	270
(7) Imports (Net Including SPR)	105,382	3,399
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-6,708	-216
(9) Other Stock Withdrawal (+) or Addition (-)	-10,294	-332
(10) Used Directly and Losses	-1,628	-53
(11) Unaccounted for [1]	7,724	249
(12) Total Other Sources	-10,906	-352
(13) Crude Input to Refineries (13) = (3) + (7) + (12)	364,221	11,749
Natural Gas Plant Liquids (NGPL)		
(14) Production	47,437	1,530
(15) Imports [2]	1,449	47
(16) Stock Withdrawal (+) or Addition (-) [2]	1,637	53
(17) Total NGPL Supply	50,523	1,630
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	5,092	164
(19) Imports	6,566	212
(20) Other Hydrocarbons and Alcohol New Supply	2,091	67
(21) Refinery Processing Gain [1]	16,524	533
(22) Crude Used Directly	1,583	51
(23) Total Other Liquids (23) = (18) through (22)	31,856	1,028
(24) Total Production of Petroleum Products [3] (24) = (13) + (17) + (23)	446,599	14,406
Net Imports of Refined Products [3]		
(25) Imports (Gross)	42,703	1,378
(26) Exports	20,507	662
(27) Imports (Net)	22,196	716
(28) Total New Supply of Products (28) = (24) + (27)	468,796	15,122
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-8,180	-264
(30) Total Products Supplied for Domestic Use (30) = (28) + (29)	460,615	14,859
(31) Total Finished Motor Gasoline	198,107	6,391
(32) Naphtha-Type Jet Fuel	5,938	192
(33) Kerosene-Type Jet Fuel	23,837	769
(34) Kerosene	4,380	141
(35) Distillate Fuel Oils	80,022	2,581
(36) Residual Fuel Oils	46,194	1,490
(37) Liquefied Gases and Ethane	44,045	1,421
(38) Other	66,311	2,139
(39) Total Reclassified [1]	-8,219	-265
(40) Total Product Supplied (40) = (31) through (39)	460,615	14,859
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	350,969	—
(42) Strategic Petroleum Reserve (SPR)	284,592	—
(43) Unfinished Oils	113,336	—
(44) Gasoline Blending Components	42,555	—
(45) Natural Gasoline and Unfractionated Stream	11,300	—
(46) Finished Refined Products [3]	629,665	—
(47) Total Stocks	1,432,418	—

[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, November 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	50,272	1,676
(2) Lower 48 States	210,646	7,022
(3) Total U.S.	260,918	8,697
Net Imports		
(4) Imports (Gross Excl. SPR)	110,478	3,683
(5) SPR Imports	5,387	180
(6) Exports	7,859	262
(7) Imports (Net Including SPR)	108,006	3,600
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	-5,371	-179
(9) Other Stock Withdrawal (+) or Addition (-)	-6,581	-219
(10) Used Directly and Losses	-1,560	-52
(11) Unaccounted for [1]	-3,706	-124
(12) Total Other Sources	-17,218	-574
(13) Crude Input to Refineries	351,706	11,724
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	48,257	1,609
(15) Imports [2]	1,179	39
(16) Stock Withdrawal (+) or Addition (-) [2]	-1,058	-35
(17) Total NGPL Supply	48,379	1,613
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	2,892	96
(19) Imports	6,894	230
(20) Other Hydrocarbons and Alcohol New Supply	1,599	53
(21) Refinery Processing Gain [1]	17,288	576
(22) Crude Used Directly	1,513	50
(23) Total Other Liquids	30,186	1,006
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	430,270	14,342
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	48,392	1,613
(26) Exports	15,723	524
(27) Imports (Net)	32,669	1,089
(28) Total New Supply of Products	462,939	15,431
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	-12,667	-422
(30) Total Products Supplied for Domestic Use	450,272	15,009
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	197,234	6,574
(32) Naphtha-Type Jet Fuel	6,288	210
(33) Kerosene-Type Jet Fuel	25,339	845
(34) Kerosene	4,195	140
(35) Distillate Fuel Oils	74,245	2,475
(36) Residual Fuel Oils	47,728	1,591
(37) Liquefied Gases and Ethane	47,480	1,583
(38) Other	55,168	1,839
(39) Total Reclassified [1]	-7,405	-247
(40) Total Product Supplied	450,272	15,009
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	357,550	--
(42) Strategic Petroleum Reserve (SPR)	289,963	--
(43) Unfinished Oils	111,750	--
(44) Gasoline Blending Components	41,249	--
(45) Natural Gasoline and Unfractionated Stream	12,358	--
(46) Finished Refined Products [3]	642,333	--
(47) Total Stocks	1,455,203	--

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

-- Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 1. U.S. Petroleum Balance, December 1982

Commodity	Current Month	
	Thousand Barrels	Thousand Barrels per Day
Crude Oil (Including Lease Condensate)		
Field Production		
(1) Alaska	52,147	1,682
(2) Lower 48 States	214,388	6,916
(3) Total U.S.	266,535	8,598
Net Imports		
(4) Imports (Gross Excl. SPR)	89,174	2,877
(5) SPR Imports	3,831	124
(6) Exports	5,970	193
(7) Imports (Net Including SPR)	87,034	2,808
Other Sources		
(8) SPR Withdrawal (+) or Addition (-)	–3,864	–125
(9) Other Stock Withdrawal (+) or Addition (-)	7,820	252
(10) Used Directly and Losses	–1,674	–54
(11) Unaccounted for [1]	1,090	35
(12) Total Other Sources	3,372	109
(13) Crude Input to Refineries	356,941	11,514
(13) = (3) + (7) + (12)		
Natural Gas Plant Liquids (NGPL)		
(14) Production	50,483	1,628
(15) Imports [2]	154	5
(16) Stock Withdrawal (+) or Addition (-) [2]	1,256	41
(17) Total NGPL Supply	51,893	1,674
Other Liquids		
Unfinished Oils and Gasoline Blending Components, Total		
(18) Stock Withdrawal (+) or Addition (-)	5,994	193
(19) Imports	7,742	250
(20) Other Hydrocarbons and Alcohol New Supply	1,537	50
(21) Refinery Processing Gain [1]	19,118	617
(22) Crude Used Directly	1,621	52
(23) Total Other Liquids	36,012	1,162
(23) = (18) through (22)		
(24) Total Production of Petroleum Products [3]	444,846	14,350
(24) = (13) + (17) + (23)		
Net Imports of Refined Products [3]		
(25) Imports (Gross)	41,871	1,351
(26) Exports	20,687	667
(27) Imports (Net)	21,185	683
(28) Total New Supply of Products	466,031	15,033
(28) = (24) + (27)		
(29) Refined Products Stock Withdrawal (+) or Addition (-) [3]	14,073	454
(30) Total Products Supplied for Domestic Use	480,104	15,487
(30) = (28) + (29)		
(31) Total Finished Motor Gasoline	203,011	6,549
(32) Naphtha-Type Jet Fuel	6,627	214
(33) Kerosene-Type Jet Fuel	26,090	842
(34) Kerosene	5,811	187
(35) Distillate Fuel Oils	88,518	2,855
(36) Residual Fuel Oils	49,551	1,598
(37) Liquefied Gases and Ethane	50,911	1,642
(38) Other	55,992	1,806
(39) Total Reclassified [1]	–6,407	–207
(40) Total Product Supplied	480,104	15,487
(40) = (31) through (39)		
Ending Stocks, All Oils		
(41) Crude Oil and Lease Condensate (Excluding SPR)	349,730	—
(42) Strategic Petroleum Reserve (SPR)	293,827	—
(43) Unfinished Oils	105,269	—
(44) Gasoline Blending Components	41,736	—
(45) Natural Gasoline and Unfractionated Stream	11,102	—
(46) Finished Refined Products [3]	628,260	—
(47) Total Stocks	1,429,924	—

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[1] A balancing item.

[2] Includes isopentane, natural gasoline, unfractionated stream and plant condensate only.

[3] For products included see Explanatory Note 8.7.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Forms ERA-60, FEA-P133, EIA-64, -87, -88, -89, and -90; Bureau of Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U. S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**263,793**	**0**	**114,479**	**-12,428**	**3,140**	**-2,041**	**359,560**	**7,383**	**0**	**606,233**
Natural Gas Plant Liquids and LRGs	**48,553**	**7,305**	**10,173**	**13,387**	**0**	**0**	**18,070**	**2,091**	**59,258**	**136,783**
Natural Gasoline and Isopentane	7,053	0	312	-1,352	0	0	4,546	0	1,467	10,745
Unfractionated Stream	-895	0	0	926	0	0	6	0	26	3,625
Plant Condensate	1,193	0	139	74	0	0	1,404	0	2	1,500
Liquefied Petroleum Gases and Ethane	41,202	7,305	9,722	13,738	0	0	12,114	2,091	57,762	120,913
Ethane	8,229	184	1,823	-201	0	0	256	(s)	9,779	5,115
Propane	15,377	7,524	3,079	9,519	0	0	137	777	34,585	66,038
Butane	6,891	-399	2,476	3,556	0	0	7,536	1,314	3,674	23,698
Butane-Propane Mixtures	8	-11	496	631	0	0	178	0	947	1,121
Ethane-Propane Mixtures	7,347	0	1,848	-426	0	0	0	0	8,769	16,860
Isobutane	3,350	7	0	659	0	0	4,007	0	8	8,080
Other Liquids	**1,266**	**0**	**6,407**	**-2,564**	**0**	**0**	**13,377**	**0**	**-8,268**	**164,343**
Other Hydrocarbons and Alcohol	1,266	0	0	23	0	0	1,289	0	0	185
Unfinished Oils	0	0	5,048	-4,520	0	0	4,282	0	-3,754	115,868
Motor Gasoline Blending Components	0	0	1,359	1,906	0	0	7,830	0	-4,565	47,626
Aviation Gasoline Blending Components	0	0	0	27	0	0	-24	0	51	664
Finished Petroleum Products	**354**	**399,130**	**34,240**	**29,402**	**0**	**1,947**	**0**	**16,220**	**448,853**	**548,492**
Finished Motor Gasoline	98	191,071	3,970	-9,799	0	0	0	562	184,779	213,268
Finished Leaded Motor Gasoline	94	91,375	1,842	-3,060	0	0	0	562	89,689	111,145
Finished Unleaded Motor Gasoline	4	99,587	2,128	-6,751	0	0	0	0	94,968	102,076
Gasohol	0	109	0	13	0	0	0	0	122	46
Finished Aviation Gasoline	53	594	0	75	0	0	0	0	722	2,657
Naphtha-Type Jet Fuel	0	4,751	101	240	0	0	0	(s)	5,092	6,814
Kerosene-Type Jet Fuel	0	23,069	217	3,967	0	0	0	255	26,999	30,044
Kerosene	5	4,387	710	1,512	0	0	0	251	6,363	9,530
Distillate Fuel Oil	3	80,321	3,015	27,160	0	306	0	2,793	108,012	164,380
Residual Fuel Oil	0	38,280	25,763	9,330	0	1,641	0	7,285	67,729	68,662
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,561	178	-160	0	0	0	85	4,493	2,629
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,819	0	42	0	0	0	1,138	7,723	1,708
Special Naphthas	35	1,315	93	-11	0	0	0	89	1,343	3,976
Lubricants	0	4,271	171	-56	0	0	0	395	3,991	14,360
Waxes	0	456	14	16	0	0	0	21	466	654
Petroleum Coke	0	12,101	0	355	0	0	0	3,282	9,174	4,147
Asphalt	0	6,253	1	-3,271	0	0	0	6	2,976	22,858
Road Oil	0	3	0	4	0	0	0	0	7	22
Still Gas	0	15,755	0	0	0	0	0	0	15,755	0
Miscellaneous Products	161	3,123	7	-4	0	0	0	59	3,229	2,783
Total	**313,966**	**406,435**	**165,300**	**27,797**	**3,140**	**-94**	**391,007**	**25,693**	**499,843**	**1,455,851**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**243,661**	**0**	**83,708**	**-6,770**	**4,381**	**-1,843**	**314,616**	**8,521**	**0**	**613,003**
Natural Gas Plant Liquids and LRGs	**43,460**	**6,436**	**8,286**	**5,122**	**0**	**0**	**14,636**	**1,420**	**47,248**	**131,661**
Natural Gasoline and Isopentane	6,955	0	(s)	-726	0	0	4,399	0	1,831	11,471
Unfractionated Stream	971	0	0	-945	0	0	2	0	24	4,571
Plant Condensate	934	0	150	-8	0	0	1,075	0	1	1,507
Liquefied Petroleum Gases and Ethane	34,600	6,436	8,135	6,801	0	0	9,160	1,420	45,392	114,112
Ethane	7,778	156	2,042	-467	0	0	248	(s)	9,260	5,582
Propane	13,031	6,112	2,027	4,103	0	0	104	555	24,615	61,935
Butane	6,139	146	1,666	2,643	0	0	5,968	864	3,761	21,055
Butane-Propane Mixtures	-1,073	16	967	-29	0	0	144	0	-263	1,150
Ethane-Propane Mixtures	5,842	0	1,433	741	0	0	0	0	8,016	16,119
Isobutane	2,882	6	0	-190	0	0	2,696	0	2	8,270
Other Liquids	**1,317**	**0**	**5,589**	**-1,264**	**0**	**0**	**13,082**	**0**	**-7,440**	**165,607**
Other Hydrocarbons and Alcohol	1,317	0	0	10	0	0	1,327	0	0	175
Unfinished Oils	0	0	4,382	-659	0	0	6,366	0	-2,643	116,527
Motor Gasoline Blending Components	0	0	1,207	-632	0	0	5,396	0	-4,821	48,258
Aviation Gasoline Blending Components	0	0	0	17	0	0	-7	0	24	647
Finished Petroleum Products	**296**	**351,121**	**37,005**	**30,590**	**0**	**1,786**	**0**	**12,566**	**408,231**	**517,903**
Finished Motor Gasoline	59	165,099	3,729	4,818	0	0	0	222	173,483	208,450
Finished Leaded Motor Gasoline	50	77,029	2,517	4,215	0	0	0	222	83,589	106,930
Finished Unleaded Motor Gasoline	9	87,951	1,212	638	0	0	0	0	89,811	101,438
Gasohol	0	119	0	-36	0	0	0	0	83	82
Finished Aviation Gasoline	20	556	0	-44	0	0	0	0	532	2,701
Naphtha-Type Jet Fuel	0	5,181	217	744	0	0	0	(s)	6,142	6,070
Kerosene-Type Jet Fuel	0	22,880	1,532	-834	0	0	0	245	23,333	30,878
Kerosene	5	4,297	218	450	0	0	0	1	4,970	9,080
Distillate Fuel Oil	3	67,944	3,699	16,934	0	313	0	2,511	86,383	147,446
Residual Fuel Oil	0	33,195	26,776	10,165	0	1,473	0	5,972	65,637	58,497
Naphtha < 400 Deg. for Petro. Feed. Use	0	5,312	188	-40	0	0	0	90	5,370	2,669
Other Oils > 400 Deg. for Petro. Feed. Use	0	7,628	0	44	0	0	0	171	7,501	1,664
Special Naphthas	59	1,331	239	226	0	0	0	240	1,616	3,749
Lubricants	0	4,083	304	173	0	0	0	335	4,225	14,187
Waxes	0	385	38	-9	0	0	0	16	398	663
Petroleum Coke	0	11,037	0	-321	0	0	0	2,725	7,991	4,468
Asphalt	0	5,398	58	-1,578	0	0	0	8	3,870	24,436
Road Oil	0	6	0	4	0	0	0	0	10	18
Still Gas	0	14,512	0	0	0	0	0	0	14,512	0
Miscellaneous Products	150	2,277	6	-144	0	0	0	30	2,260	2,927
Total	**288,734**	**357,557**	**134,588**	**27,677**	**4,381**	**-57**	**342,334**	**22,507**	**448,039**	**1,428,174**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, March 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**268,687**	**0**	**89,104**	**3,757**	**64**	**-2,109**	**349,553**	**9,950**	**0**	**609,246**
Natural Gas Plant Liquids and LRGs	**48,334**	**7,894**	**7,100**	**6,810**	**0**	**0**	**15,719**	**2,308**	**52,110**	**124,851**
Natural Gasoline and Isopentane	7,097	0	1	436	0	0	5,509	0	2,024	11,035
Unfractionated Stream	167	0	0	-141	0	0	0	0	26	4,711
Plant Condensate	1,107	0	186	-27	0	0	1,263	0	3	1,535
Liquefied Petroleum Gases and Ethane	39,964	7,894	6,913	6,542	0	0	8,947	2,308	50,057	107,570
Ethane	8,554	222	1,812	-198	0	0	191	(s)	10,198	5,780
Propane	14,354	7,522	1,873	2,539	0	0	114	1,135	25,039	59,396
Butane	6,654	58	1,292	3,792	0	0	4,457	1,174	6,165	17,263
Butane-Propane Mixtures	-41	91	425	163	0	0	125	0	513	987
Ethane-Propane Mixtures	7,058	0	1,512	-428	0	0	0	0	8,142	16,548
Isobutane	3,386	1	0	674	0	0	4,060	0	(s)	7,596
Other Liquids	**1,398**	**0**	**4,744**	**419**	**0**	**0**	**15,712**	**0**	**-9,151**	**165,188**
Other Hydrocarbons and Alcohol	1,398	0	0	-8	0	0	1,390	0	0	183
Unfinished Oils	0	0	3,614	646	0	0	9,568	0	-5,308	115,881
Motor Gasoline Blending Components	0	0	1,130	-208	0	0	4,862	0	-3,940	48,466
Aviation Gasoline Blending Components	0	0	0	-11	0	0	-108	0	97	658
Finished Petroleum Products	**385**	**388,865**	**38,061**	**25,240**	**0**	**1,949**	**0**	**15,085**	**439,416**	**492,662**
Finished Motor Gasoline	72	185,731	5,680	10,343	0	0	0	1,367	200,459	198,108
Finished Leaded Motor Gasoline	70	89,172	3,385	5,092	0	0	0	1,367	96,352	101,838
Finished Unleaded Motor Gasoline	3	96,459	2,296	5,222	0	0	0	0	103,979	96,216
Gasohol	0	100	0	28	0	0	0	0	128	54
Finished Aviation Gasoline	57	633	0	79	0	0	0	0	769	2,622
Naphtha-Type Jet Fuel	0	6,874	0	-357	0	0	0	(s)	6,517	6,427
Kerosene-Type Jet Fuel	0	27,947	1,200	-5,216	0	0	0	80	23,851	36,094
Kerosene	3	3,264	49	325	0	0	0	1	3,640	8,755
Distillate Fuel Oil	2	70,941	1,501	21,141	0	310	0	2,607	91,289	126,305
Residual Fuel Oil	0	34,821	28,281	369	0	1,639	0	6,113	58,996	58,128
Naphtha < 400 Deg. for Petro. Feed. Use	0	5,675	74	-480	0	0	0	167	5,102	3,149
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,206	0	14	0	0	0	304	7,916	1,650
Special Naphthas	111	1,694	1,130	-9	0	0	0	256	2,670	3,758
Lubricants	0	4,255	121	482	0	0	0	692	4,166	13,705
Waxes	0	446	10	-2	0	0	0	36	418	665
Petroleum Coke	0	12,754	0	-226	0	0	0	3,411	9,117	4,694
Asphalt	0	7,056	1	-1,565	0	0	0	12	5,481	26,001
Road Oil	0	34	0	-20	0	0	0	0	14	38
Still Gas	0	16,733	0	0	0	0	0	0	16,733	0
Miscellaneous Products	139	1,801	13	363	0	0	0	40	2,276	2,564
Total	**318,804**	**396,759**	**139,009**	**36,227**	**64**	**-160**	**380,984**	**27,343**	**482,375**	**1,391,947**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, April 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	257,738	0	85,467	-1,107	6,928	-2,027	341,765	5,234	0	610,353
Natural Gas Plant Liquids and LRGs	45,944	7,887	5,803	4,964	0	0	14,485	2,298	47,816	119,886
Natural Gasoline and Isopentane	8,504	0	(s)	1,073	0	0	5,525	0	4,053	9,961
Unfractionated Stream	-892	0	0	925	0	0	0	0	33	3,786
Plant Condensate	1,051	0	172	28	0	0	1,249	0	2	1,507
Liquefied Petroleum Gases and Ethane	37,282	7,887	5,631	2,938	0	0	7,711	2,298	43,728	104,632
Ethane	8,517	213	1,207	11	0	0	178	(s)	9,769	5,769
Propane	13,845	7,078	968	1,391	0	0	92	1,264	21,925	58,005
Butane	6,574	430	1,361	280	0	0	3,697	1,034	3,914	16,983
Butane-Propane Mixtures	-916	175	1,125	3	0	0	110	0	276	984
Ethane-Propane Mixtures	6,156	0	971	722	0	0	0	0	7,849	15,825
Isobutane	3,106	-9	0	532	0	0	3,634	0	-5	7,064
Other Liquids	1,664	0	5,930	2,641	0	0	17,105	0	-6,870	162,547
Other Hydrocarbons and Alcohol	1,664	0	0	-32	0	0	1,632	0	0	215
Unfinished Oils	0	0	4,520	-3,221	0	0	5,642	0	-4,343	119,102
Motor Gasoline Blending Components	0	0	1,410	5,775	0	0	9,796	0	-2,611	42,691
Aviation Gasoline Blending Components	0	0	0	119	0	0	35	0	84	539
Finished Petroleum Products	301	380,183	34,140	39,899	0	1,953	0	16,032	440,443	452,764
Finished Motor Gasoline	55	182,797	5,551	19,510	0	0	0	990	206,923	178,597
Finished Leaded Motor Gasoline	54	87,379	3,763	11,864	0	0	0	990	102,070	89,973
Finished Unleaded Motor Gasoline	2	95,318	1,788	7,662	0	0	0	0	104,770	88,554
Gasohol	0	100	0	-16	0	0	0	0	84	70
Finished Aviation Gasoline	50	494	0	229	0	0	0	0	772	2,394
Naphtha-Type Jet Fuel	0	6,388	182	122	0	0	0	22	6,669	6,305
Kerosene-Type Jet Fuel	2	23,917	1,242	-1,662	0	0	0	44	23,455	37,756
Kerosene	3	3,612	502	-833	0	0	0	20	3,264	9,588
Distillate Fuel Oil	2	70,742	1,780	18,347	0	386	0	1,919	89,338	107,958
Residual Fuel Oil	0	34,979	23,647	4,504	0	1,567	0	7,012	57,685	53,624
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,397	326	409	0	0	0	210	4,922	2,740
Other Oils > 400 Deg. for Petro. Feed. Use	0	7,875	0	193	0	0	0	442	7,626	1,457
Special Naphthas	96	1,439	584	171	0	0	0	433	1,857	3,587
Lubricants	0	4,526	187	351	0	0	0	513	4,552	13,354
Waxes	0	412	12	-11	0	0	0	14	399	676
Petroleum Coke	0	12,147	0	-99	0	0	0	4,382	7,666	4,793
Asphalt	0	7,979	118	-1,118	0	0	0	4	6,975	27,119
Road Oil	0	196	1	-16	0	0	0	0	181	54
Still Gas	0	16,001	0	0	0	0	0	0	16,001	0
Miscellaneous Products	93	2,282	8	-198	0	0	0	27	2,158	2,762
Total	305,648	388,070	131,341	46,397	6,928	-74	373,355	23,565	481,389	1,345,550

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**269,186**	**0**	**102,577**	**895**	**3,437**	**-2,013**	**365,972**	**8,111**	**0**	**609,458**
Natural Gas Plant Liquids and LRGs	**46,685**	**8,701**	**6,144**	**-1,437**	**0**	**0**	**13,755**	**1,338**	**45,001**	**121,324**
Natural Gasoline and Isopentane	5,940	0	201	767	0	0	5,410	0	1,498	9,195
Unfractionated Stream	-112	0	0	132	0	0	0	0	20	3,654
Plant Condensate	1,042	0	173	-132	0	0	1,081	0	2	1,639
Liquefied Petroleum Gases and Ethane	39,815	8,701	5,770	-2,204	0	0	7,264	1,338	43,480	106,836
Ethane	8,131	58	1,460	-59	0	0	159	(s)	9,431	5,829
Propane	14,750	8,074	1,402	-2,431	0	0	107	831	20,857	60,437
Butane	7,183	313	1,510	-1,661	0	0	3,729	507	3,109	18,644
Butane-Propane Mixtures	-528	254	659	-32	0	0	148	0	205	1,016
Ethane-Propane Mixtures	6,771	0	739	2,368	0	0	1	0	9,877	13,458
Isobutane	3,507	2	0	-388	0	0	3,120	0	1	7,452
Other Liquids	**1,329**	**0**	**7,457**	**2,714**	**0**	**0**	**19,059**	**0**	**-7,559**	**159,833**
Other Hydrocarbons and Alcohol	1,329	0	0	-3	0	0	1,326	0	0	218
Unfinished Oils	0	0	6,332	902	0	0	12,638	0	-5,404	118,200
Motor Gasoline Blending Components	0	0	1,125	1,861	0	0	5,218	0	-2,232	40,830
Aviation Gasoline Blending Components	0	0	0	-46	0	0	-123	0	77	585
Finished Petroleum Products	**376**	**406,283**	**32,977**	**-3,310**	**0**	**1,936**	**0**	**15,460**	**422,802**	**456,074**
Finished Motor Gasoline	32	195,851	5,653	5,486	0	0	0	717	206,306	173,111
Finished Leaded Motor Gasoline	30	95,471	3,688	1,971	0	0	0	717	100,444	88,002
Finished Unleaded Motor Gasoline	2	100,289	1,965	3,488	0	0	0	0	105,744	85,066
Gasohol	0	91	0	27	0	0	0	0	118	43
Finished Aviation Gasoline	56	807	(s)	-72	0	0	0	0	792	2,465
Naphtha-Type Jet Fuel	0	6,321	370	-234	0	0	0	(s)	6,457	6,539
Kerosene-Type Jet Fuel	0	21,670	579	2,553	0	0	0	27	24,775	35,203
Kerosene	5	2,389	179	644	0	0	0	1	3,215	8,943
Distillate Fuel Oil	3	81,168	2,293	-5,685	0	313	0	2,315	75,776	113,644
Residual Fuel Oil	0	34,979	22,994	-5,326	0	1,623	0	5,915	48,355	58,950
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,514	92	-14	0	0	0	117	4,475	2,754
Other Oils > 400 Deg. for Petro. Feed. Use	0	9,294	0	-222	0	0	0	920	8,152	1,679
Special Naphthas	142	1,409	425	-4	0	0	0	24	1,947	3,591
Lubricants	0	4,592	271	-154	0	0	0	560	4,149	13,508
Waxes	0	477	9	-109	0	0	0	20	357	785
Petroleum Coke	0	12,663	0	-21	0	0	0	4,735	7,907	4,814
Asphalt	0	10,546	85	-13	0	0	0	50	10,568	27,132
Road Oil	0	71	0	-42	0	0	0	0	29	96
Still Gas	0	17,237	0	0	0	0	0	0	17,237	0
Miscellaneous Products	139	2,295	27	-98	0	0	0	56	2,307	2,859
Total	**317,577**	**414,984**	**149,155**	**-1,139**	**3,437**	**-77**	**398,786**	**24,908**	**460,244**	**1,346,689**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, June 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**259,383**	**0**	**115,093**	**1,187**	**3,984**	**-2,014**	**374,814**	**2,819**	**0**	**608,271**
Natural Gas Plant Liquids and LRGs	**44,956**	**8,804**	**6,598**	**-2,079**	**0**	**0**	**14,807**	**3,192**	**40,280**	**123,402**
Natural Gasoline and Isopentane	6,476	0	686	1,238	0	0	5,750	0	2,650	7,957
Unfractionated Stream	730	0	0	-713	0	0	0	0	17	4,367
Plant Condensate	1,089	0	139	-27	0	0	1,199	0	1	1,666
Liquefied Petroleum Gases and Ethane	36,660	8,804	5,774	-2,576	0	0	7,858	3,192	37,611	109,412
Ethane	7,794	81	1,586	78	0	0	90	(s)	9,449	5,751
Propane	13,407	8,010	1,666	-2,101	0	0	106	1,536	19,340	62,537
Butane	6,545	735	1,816	-2,425	0	0	3,976	1,656	1,040	21,069
Butane-Propane Mixtures	-570	-10	706	-49	0	0	195	0	-118	1,065
Ethane-Propane Mixtures	6,069	0	0	1,845	0	0	0	0	7,913	11,613
Isobutane	3,415	-12	0	74	0	0	3,491	0	-14	7,378
Other Liquids	**1,660**	**0**	**6,931**	**-223**	**0**	**0**	**17,418**	**0**	**-9,050**	**160,056**
Other Hydrocarbons and Alcohol	1,660	0	0	-4	0	0	1,656	0	0	222
Unfinished Oils	0	0	6,236	202	0	0	12,047	0	-5,609	117,998
Motor Gasoline Blending Components	0	0	695	-535	0	0	3,703	0	-3,543	41,365
Aviation Gasoline Blending Components	0	0	0	114	0	0	12	0	102	471
Finished Petroleum Products	**360**	**412,802**	**31,191**	**-12,371**	**0**	**1,813**	**0**	**15,082**	**418,714**	**468,444**
Finished Motor Gasoline	34	202,578	6,905	-4,028	0	0	0	431	205,058	177,139
Finished Leaded Motor Gasoline	34	95,906	4,584	-2,000	0	0	0	431	98,094	90,002
Finished Unleaded Motor Gasoline	0	106,583	2,320	-2,034	0	0	0	0	106,869	87,100
Gasohol	0	89	0	6	0	0	0	0	95	37
Finished Aviation Gasoline	81	832	(s)	114	0	0	0	0	1,028	2,351
Naphtha-Type Jet Fuel	0	6,421	0	491	0	0	0	40	6,872	6,048
Kerosene-Type Jet Fuel	0	21,468	84	1,318	0	0	0	38	22,832	33,885
Kerosene	2	2,656	145	-319	0	0	0	5	2,479	9,263
Distillate Fuel Oil	1	81,883	3,054	-10,044	0	304	0	1,650	73,547	123,688
Residual Fuel Oil	0	32,212	19,546	-1,724	0	1,509	0	6,516	45,027	60,674
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,603	231	551	0	0	0	100	5,286	2,203
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,384	0	-114	0	0	0	736	7,534	1,793
Special Naphthas	75	1,677	394	131	0	0	0	178	2,099	3,461
Lubricants	0	4,599	383	71	0	0	0	510	4,543	13,437
Waxes	0	449	25	-27	0	0	0	20	427	812
Petroleum Coke	0	12,147	0	-642	0	0	0	4,807	6,698	5,456
Asphalt	0	12,471	413	1,805	0	0	0	25	14,664	25,327
Road Oil	0	99	1	33	0	0	0	0	133	63
Still Gas	0	18,104	0	0	0	0	0	0	18,104	0
Miscellaneous Products	167	2,219	9	14	0	0	0	26	2,384	2,845
Total	**306,359**	**421,606**	**159,813**	**-13,485**	**3,984**	**-201**	**407,039**	**21,093**	**449,944**	**1,360,174**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**268,398**	**0**	**131,677**	**-4,564**	**-626**	**-1,955**	**385,825**	**7,105**	**0**	**612,835**
Natural Gas Plant Liquids and LRGs	**46,557**	**9,324**	**8,584**	**-1,205**	**0**	**0**	**15,329**	**1,154**	**46,778**	**124,607**
Natural Gasoline and Isopentane	7,905	0	1,316	342	0	0	6,180	0	3,383	7,615
Unfractionated Stream	1,260	0	0	-1,241	0	0	0	0	19	5,608
Plant Condensate	972	0	227	111	0	0	1,308	0	1	1,555
Liquefied Petroleum Gases and Ethane	36,420	9,324	7,042	-417	0	0	7,841	1,154	43,374	109,829
Ethane	7,800	117	1,721	461	0	0	108	(s)	9,991	5,290
Propane	13,425	8,369	1,324	-227	0	0	103	641	22,147	62,764
Butane	5,846	800	1,401	-1,036	0	0	4,472	512	2,028	22,104
Butane-Propane Mixtures	-312	57	708	12	0	0	106	0	359	1,053
Ethane-Propane Mixtures	6,375	0	1,888	657	0	0	0	0	8,921	10,956
Isobutane	3,285	-19	0	-284	0	0	3,052	0	-70	7,662
Other Liquids	**1,805**	**0**	**7,312**	**-1,591**	**0**	**0**	**19,036**	**0**	**-11,510**	**161,647**
Other Hydrocarbons and Alcohol	1,805	0	0	-9	0	0	1,796	0	0	231
Unfinished Oils	0	0	6,380	220	0	0	14,130	0	-7,530	117,778
Motor Gasoline Blending Components	0	0	932	-1,843	0	0	3,209	0	-4,120	43,208
Aviation Gasoline Blending Components	0	0	0	41	0	0	-99	0	140	430
Finished Petroleum Products	**335**	**427,602**	**35,007**	**-25,925**	**0**	**1,863**	**0**	**14,713**	**424,169**	**494,370**
Finished Motor Gasoline	34	209,767	6,987	-5,528	0	0	0	758	210,502	182,667
Finished Leaded Motor Gasoline	34	99,107	4,453	-2,939	0	0	0	758	99,896	92,941
Finished Unleaded Motor Gasoline	0	110,559	2,535	-2,587	0	0	0	0	110,507	89,687
Gasohol	0	101	0	-2	0	0	0	0	99	39
Finished Aviation Gasoline	80	836	(s)	-30	0	0	0	0	887	2,381
Naphtha-Type Jet Fuel	0	6,928	250	-318	0	0	0	0	6,860	6,366
Kerosene-Type Jet Fuel	0	23,050	706	470	0	0	0	32	24,194	33,415
Kerosene	4	2,653	148	181	0	0	0	1	2,985	9,082
Distillate Fuel Oil	2	84,757	3,872	-24,462	0	355	0	738	63,786	148,150
Residual Fuel Oil	0	31,865	20,353	1,731	0	1,508	0	7,406	48,051	58,943
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,359	1,582	224	0	0	0	105	6,059	1,979
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,311	0	-283	0	0	0	469	7,559	2,076
Special Naphthas	51	2,022	512	-144	0	0	0	56	2,385	3,605
Lubricants	0	4,620	330	-145	0	0	0	528	4,277	13,582
Waxes	0	391	50	54	0	0	0	37	457	758
Petroleum Coke	0	13,361	0	-398	0	0	0	4,477	8,486	5,854
Asphalt	0	13,069	214	3,280	0	0	0	51	16,512	22,047
Road Oil	0	51	0	-21	0	0	0	0	30	84
Still Gas	0	18,956	0	0	0	0	0	0	18,956	0
Miscellaneous Products	164	2,606	3	-537	0	0	0	53	2,183	3,382
Total	**317,095**	**436,926**	**182,581**	**-33,285**	**-626**	**-92**	**420,190**	**22,972**	**459,437**	**1,393,459**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, August 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**267,643**	**0**	**119,393**	**-13,627**	**5,847**	**-1,829**	**368,008**	**9,419**	**0**	**626,462**
Natural Gas Plant Liquids and LRGs	**46,865**	**8,707**	**4,012**	**-792**	**0**	**0**	**14,980**	**1,876**	**41,935**	**125,400**
Natural Gasoline and Isopentane	7,648	0	1	822	0	0	6,104	0	2,367	6,792
Unfractionated Stream	67	0	0	-60	0	0	0	0	7	5,668
Plant Condensate	1,031	0	131	-149	0	0	1,010	0	2	1,705
Liquefied Petroleum Gases and Ethane	38,119	8,707	3,880	-1,405	0	0	7,866	1,876	39,558	111,235
Ethane	8,103	80	774	-108	0	0	14	(s)	8,835	5,398
Propane	14,037	8,014	1,230	-501	0	0	136	942	21,702	63,265
Butane	6,537	662	1,395	-1,778	0	0	4,412	934	1,470	23,882
Butane-Propane Mixtures	-548	-27	481	-60	0	0	141	0	-296	1,113
Ethane-Propane Mixtures	6,479	0	0	1,439	0	0	45	0	7,873	9,517
Isobutane	3,511	-22	0	-397	0	0	3,118	0	-26	8,059
Other Liquids	**1,766**	**0**	**7,217**	**2,545**	**0**	**0**	**15,929**	**0**	**-4,401**	**159,102**
Other Hydrocarbons and Alcohol	1,766	0	0	21	0	0	1,787	0	0	210
Unfinished Oils	0	0	5,638	1,019	0	0	8,233	0	-1,576	116,759
Motor Gasoline Blending Components	0	0	1,579	1,449	0	0	5,972	0	-2,944	41,759
Aviation Gasoline Blending Components	0	0	0	56	0	0	-63	0	119	374
Finished Petroleum Products	**393**	**406,811**	**31,935**	**-3,132**	**0**	**1,768**	**0**	**15,291**	**422,484**	**497,502**
Finished Motor Gasoline	19	198,978	9,032	-2,500	0	0	0	495	205,034	185,167
Finished Leaded Motor Gasoline	19	90,004	6,419	-210	0	0	0	495	95,737	93,151
Finished Unleaded Motor Gasoline	0	108,863	2,614	-2,286	0	0	0	0	109,191	91,973
Gasohol	0	111	0	-4	0	0	0	0	107	43
Finished Aviation Gasoline	88	1,058	(s)	-48	0	0	0	0	1,099	2,428
Naphtha-Type Jet Fuel	0	6,334	215	411	0	0	0	0	6,960	5,955
Kerosene-Type Jet Fuel	0	24,206	600	-1,292	0	0	0	32	23,482	34,707
Kerosene	3	2,591	245	-410	0	0	0	2	2,427	9,491
Distillate Fuel Oil	1	77,730	2,466	-10,508	0	305	0	1,242	68,752	158,658
Residual Fuel Oil	0	29,901	17,062	6,296	0	1,463	0	7,280	47,443	52,647
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,476	977	-156	0	0	0	145	5,152	2,135
Other Oils > 400 Deg. for Petro. Feed. Use	0	8,769	0	-198	0	0	0	678	7,893	2,274
Special Naphthas	169	1,462	746	144	0	0	0	34	2,487	3,461
Lubricants	0	4,361	306	152	0	0	0	526	4,293	13,430
Waxes	0	419	51	7	0	0	0	21	456	751
Petroleum Coke	0	12,826	0	412	0	0	0	4,745	8,493	5,442
Asphalt	0	13,377	232	4,718	0	0	0	58	18,269	17,329
Road Oil	0	62	0	17	0	0	0	0	79	67
Still Gas	0	17,754	0	0	0	0	0	0	17,754	0
Miscellaneous Products	113	2,507	1	-177	0	0	0	33	2,411	3,558
Total	**316,666**	**415,518**	**162,557**	**-15,006**	**5,847**	**-61**	**398,917**	**26,586**	**460,018**	**1,408,465**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, September 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**261,028**	**0**	**109,079**	**7,903**	**-6,312**	**-1,800**	**364,374**	**5,524**	**0**	**618,559**
Natural Gas Plant Liquids and LRGs	**45,307**	**9,266**	**8,475**	**2,325**	**0**	**0**	**15,173**	**2,538**	**47,663**	**123,074**
Natural Gasoline and Isopentane	9,032	0	502	-167	0	0	5,604	0	3,763	6,959
Unfractionated Stream	-1,204	0	0	1,216	0	0	0	0	12	4,452
Plant Condensate	600	0	561	179	0	0	1,338	0	2	1,526
Liquefied Petroleum Gases and Ethane	36,878	9,266	7,413	1,098	0	0	8,231	2,538	43,886	110,137
Ethane	7,282	95	895	413	0	0	33	(s)	8,651	4,985
Propane	13,412	8,032	2,211	-25	0	0	115	1,066	22,450	63,290
Butane	6,251	529	2,203	-413	0	0	5,103	1,472	1,994	24,296
Butane-Propane Mixtures	-554	633	1,337	203	0	0	117	0	1,501	911
Ethane-Propane Mixtures	7,005	0	767	1,532	0	0	0	0	9,304	7,985
Isobutane	3,483	-23	0	-611	0	0	2,863	0	-14	8,671
Other Liquids	**1,797**	**0**	**6,377**	**-1,881**	**0**	**0**	**15,523**	**0**	**-9,230**	**160,983**
Other Hydrocarbons and Alcohol	1,797	0	0	1	0	0	1,798	0	0	209
Unfinished Oils	0	0	4,349	-1,067	0	0	10,534	0	-7,252	117,826
Motor Gasoline Blending Components	0	0	2,028	-767	0	0	3,338	0	-2,077	42,526
Aviation Gasoline Blending Components	0	0	0	-48	0	0	-147	0	99	422
Finished Petroleum Products	**239**	**401,303**	**38,497**	**-13,847**	**0**	**1,687**	**0**	**15,655**	**412,225**	**511,348**
Finished Motor Gasoline	26	195,789	6,700	-5,935	0	0	0	651	195,929	191,102
Finished Leaded Motor Gasoline	26	90,423	4,319	-302	0	0	0	651	93,815	93,453
Finished Unleaded Motor Gasoline	0	105,271	2,381	-5,640	0	0	0	0	102,012	97,613
Gasohol	0	95	0	7	0	0	0	0	102	36
Finished Aviation Gasoline	63	651	(s)	230	0	0	0	0	944	2,198
Naphtha-Type Jet Fuel	0	5,889	474	-364	0	0	0	222	5,777	6,319
Kerosene-Type Jet Fuel	0	23,428	430	1,380	0	0	0	41	25,197	33,327
Kerosene	4	3,365	242	-347	0	0	0	30	3,234	9,838
Distillate Fuel Oil	2	79,694	1,828	-2,540	0	368	0	4,155	75,197	161,199
Residual Fuel Oil	0	30,252	26,166	-9,171	0	1,319	0	4,453	44,113	61,818
Naphtha < 400 Deg. for Petro. Feed. Use	0	3,764	1,374	-102	0	0	0	133	4,903	2,237
Other Oils > 400 Deg. for Petro. Feed. Use	0	7,551	0	53	0	0	0	315	7,289	2,221
Special Naphthas	(s)	1,987	741	-229	0	0	0	280	2,220	3,690
Lubricants	0	3,940	304	781	0	0	0	557	4,468	12,649
Waxes	0	414	23	-10	0	0	0	10	417	761
Petroleum Coke	0	12,189	0	-778	0	0	0	4,715	6,696	6,220
Asphalt	0	12,391	211	2,797	0	0	0	51	15,349	14,532
Road Oil	0	53	0	2	0	0	0	0	55	65
Still Gas	0	17,627	0	0	0	0	0	0	17,627	0
Miscellaneous Products	144	2,319	4	386	0	0	0	41	2,812	3,173
Total	**308,371**	**410,569**	**162,429**	**-5,499**	**-6,312**	**-113**	**395,070**	**23,718**	**450,658**	**1,413,964**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**269,745**	**0**	**113,766**	**-17,002**	**7,724**	**-1,628**	**364,221**	**8,384**	**0**	**635,561**
Natural Gas Plant Liquids and LRGs	**47,163**	**7,993**	**7,473**	**4,635**	**0**	**0**	**15,876**	**2,526**	**48,862**	**118,439**
Natural Gasoline and Isopentane	7,848	0	1,390	722	0	0	5,155	0	4,805	6,237
Unfractionated Stream	-885	0	0	895	0	0	0	0	10	3,557
Plant Condensate	1,162	0	59	20	0	0	1,239	0	2	1,506
Liquefied Petroleum Gases and Ethane	39,038	7,993	6,024	2,998	0	0	9,482	2,526	44,045	107,139
Ethane	8,345	161	1,105	-175	0	0	33	(s)	9,403	5,160
Propane	13,495	7,514	2,466	2,159	0	0	99	1,174	24,361	61,131
Butane	6,427	116	2,346	1,986	0	0	6,205	1,352	3,318	22,310
Butane-Propane Mixtures	162	90	0	-448	0	0	247	0	-443	1,359
Ethane-Propane Mixtures	7,191	0	107	-3	0	0	0	0	7,295	7,988
Isobutane	3,418	112	0	-521	0	0	2,898	0	112	9,191
Other Liquids	**2,091**	**0**	**6,566**	**5,092**	**0**	**0**	**21,968**	**0**	**-8,219**	**155,891**
Other Hydrocarbons and Alcohol	2,091	0	0	18	0	0	2,109	0	0	191
Unfinished Oils	0	0	5,579	4,490	0	0	15,529	0	-5,460	113,336
Motor Gasoline Blending Components	0	0	986	539	0	0	4,311	0	-2,786	41,987
Aviation Gasoline Blending Components	0	0	0	45	0	0	19	0	26	377
Finished Petroleum Products	**274**	**410,596**	**36,679**	**-11,179**	**0**	**1,583**	**0**	**17,980**	**419,972**	**522,527**
Finished Motor Gasoline	45	194,085	5,739	-1,310	0	0	0	452	198,107	192,412
Finished Leaded Motor Gasoline	45	92,200	3,976	-1,537	0	0	0	452	94,232	94,990
Finished Unleaded Motor Gasoline	0	101,804	1,763	241	0	0	0	0	103,808	97,372
Gasohol	0	81	0	-14	0	0	0	0	67	50
Finished Aviation Gasoline	44	706	1	-12	0	0	0	0	738	2,211
Naphtha-Type Jet Fuel	0	5,884	91	-36	0	0	0	(s)	5,938	6,355
Kerosene-Type Jet Fuel	0	24,506	534	-1,168	0	0	0	35	23,837	34,495
Kerosene	3	4,008	751	-381	0	0	0	1	4,380	10,219
Distillate Fuel Oil	2	87,963	2,808	-8,949	0	240	0	2,042	80,022	170,148
Residual Fuel Oil	0	29,591	24,267	-1,757	0	1,343	0	7,249	46,194	63,575
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,298	779	424	0	0	0	95	5,406	1,813
Other Oils > 400 Deg. for Petro. Feed. Use	0	7,944	0	15	0	0	0	873	7,086	2,206
Special Naphthas	44	1,601	699	-112	0	0	0	96	2,136	3,802
Lubricants	0	4,394	241	0	0	0	0	563	4,072	12,649
Waxes	0	392	52	17	0	0	0	18	443	744
Petroleum Coke	0	12,260	0	368	0	0	0	6,520	6,108	5,852
Asphalt	0	13,659	146	1,401	0	0	0	13	15,193	13,131
Road Oil	0	2	0	13	0	0	0	0	15	52
Still Gas	0	16,804	0	0	0	0	0	0	16,804	0
Miscellaneous Products	136	2,499	573	309	0	0	0	23	3,493	2,864
Total	**319,273**	**418,589**	**164,483**	**-18,453**	**7,724**	**-45**	**402,065**	**28,890**	**460,615**	**1,432,418**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, November 1982
(Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**260,918**	**0**	**115,865**	**-11,952**	**-3,706**	**-1,560**	**351,706**	**7,859**	**0**	**647,513**
Natural Gas Plant Liquids and LRGs	**47,951**	**7,769**	**9,180**	**4,181**	**0**	**0**	**17,212**	**1,115**	**50,753**	**114,258**
Natural Gasoline and Isopentane	7,621	0	978	-39	0	0	5,306	0	3,254	6,276
Unfractionated Stream	938	0	0	-921	0	0	0	0	17	4,478
Plant Condensate	907	0	201	-98	0	0	1,008	0	3	1,604
Liquefied Petroleum Gases and Ethane	38,485	7,769	8,001	5,239	0	0	10,898	1,115	47,480	101,900
Ethane	8,688	47	1,256	-246	0	0	34	(s)	9,710	5,406
Propane	13,595	7,869	3,074	3,837	0	0	134	469	27,772	57,293
Butane	5,819	-208	1,902	3,159	0	0	7,438	646	2,587	19,151
Butane-Propane Mixtures	-555	90	1,161	-13	0	0	173	0	510	1,371
Ethane-Propane Mixtures	7,758	0	609	-1,436	0	0	0	0	6,930	9,424
Isobutane	3,181	-29	0	-63	0	0	3,119	0	-30	9,254
Other Liquids	**1,599**	**0**	**6,894**	**2,892**	**0**	**0**	**18,790**	**0**	**-7,405**	**152,999**
Other Hydrocarbons and Alcohol	1,599	0	0	-24	0	0	1,575	0	0	215
Unfinished Oils	0	0	4,907	1,586	0	0	12,112	0	-5,619	111,750
Motor Gasoline Blending Components	0	0	1,987	1,304	0	0	5,155	0	-1,864	40,683
Aviation Gasoline Blending Components	0	0	0	26	0	0	-52	0	78	351
Finished Petroleum Products	**306**	**397,227**	**40,392**	**-17,906**	**0**	**1,513**	**0**	**14,608**	**406,924**	**540,433**
Finished Motor Gasoline	71	188,133	6,340	3,032	0	0	0	343	197,234	189,380
Finished Leaded Motor Gasoline	68	90,799	3,841	-653	0	0	0	343	93,713	95,643
Finished Unleaded Motor Gasoline	3	97,246	2,499	3,686	0	0	0	0	103,434	93,686
Gasohol	0	88	0	-1	0	0	0	0	87	51
Finished Aviation Gasoline	55	670	(s)	-309	0	0	0	0	416	2,520
Naphtha-Type Jet Fuel	0	6,027	0	261	0	0	0	(s)	6,288	6,094
Kerosene-Type Jet Fuel	0	24,437	1,192	-21	0	0	0	269	25,339	34,516
Kerosene	2	4,307	1,011	-1,125	0	0	0	1	4,195	11,344
Distillate Fuel Oil	2	85,804	4,352	-15,432	0	234	0	715	74,245	185,580
Residual Fuel Oil	0	29,657	25,089	-2,822	0	1,279	0	5,475	47,728	66,397
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,567	597	-190	0	0	0	71	4,903	2,003
Other Oils > 400 Deg. for Petro. Feed. Use	0	6,748	0	12	0	0	0	522	6,238	2,194
Special Naphthas	60	1,266	834	341	0	0	0	41	2,461	3,460
Lubricants	0	4,450	751	1	0	0	0	395	4,808	12,648
Waxes	0	446	32	-10	0	0	0	18	450	754
Petroleum Coke	0	12,701	0	-838	0	0	0	6,716	5,147	6,690
Asphalt	0	9,707	192	-964	0	0	0	8	8,927	14,095
Road Oil	0	24	0	-2	0	0	0	0	22	54
Still Gas	0	15,839	0	0	0	0	0	0	15,839	0
Miscellaneous Products	116	2,444	1	160	0	0	0	36	2,684	2,704
Total	**310,774**	**404,996**	**172,330**	**-22,785**	**-3,706**	**-47**	**387,708**	**23,582**	**450,272**	**1,455,203**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 2. Supply and Disposition of Crude Oil and Petroleum Products, December 1982 (Thousands of Barrels)

Commodity	Supply						Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**266,535**	**0**	**93,005**	**3,956**	**1,090**	**-1,674**	**356,941**	**5,970**	**0**	**643,557**
Natural Gas Plant Liquids and LRGs	**50,133**	**8,442**	**8,160**	**9,181**	**0**	**0**	**18,009**	**1,740**	**56,168**	**105,077**
Natural Gasoline and Isopentane	9,594	0	1	274	0	0	4,635	0	5,233	6,002
Unfractionated Stream	-804	0	0	824	0	0	0	0	20	3,654
Plant Condensate	814	0	153	158	0	0	1,123	0	3	1,446
Liquefied Petroleum Gases and Ethane	40,529	8,442	8,006	7,925	0	0	12,251	1,740	50,911	93,975
Ethane	9,223	56	1,558	185	0	0	34	(s)	10,987	5,221
Propane	14,089	8,629	1,632	3,164	0	0	115	1,065	26,334	54,130
Butane	6,474	-159	2,185	3,740	0	0	7,740	675	3,825	15,411
Butane-Propane Mixtures	129	-100	0	257	0	0	157	0	129	1,115
Ethane-Propane Mixtures	7,360	0	2,632	-375	0	0	0	0	9,616	9,800
Isobutane	3,253	16	0	956	0	0	4,205	0	20	8,298
Other Liquids	**1,537**	**0**	**7,742**	**5,994**	**0**	**0**	**21,680**	**0**	**-6,407**	**147,005**
Other Hydrocarbons and Alcohol	1,537	0	0	-96	0	0	1,441	0	0	311
Unfinished Oils	0	0	6,672	6,481	0	0	16,344	0	-3,191	105,269
Motor Gasoline Blending Components	0	0	1,070	-250	0	0	4,117	0	-3,297	40,933
Aviation Gasoline Blending Components	0	0	0	-141	0	0	-222	0	81	492
Finished Petroleum Products	**350**	**407,306**	**33,866**	**6,148**	**0**	**1,621**	**0**	**18,947**	**430,343**	**534,285**
Finished Motor Gasoline	84	202,731	5,523	-5,119	0	0	0	208	203,011	194,498
Finished Leaded Motor Gasoline	69	93,668	3,957	-2,526	0	0	0	208	94,961	98,169
Finished Unleaded Motor Gasoline	14	108,932	1,566	-2,573	0	0	0	0	107,939	96,259
Gasohol	0	131	0	-20	0	0	0	0	111	71
Finished Aviation Gasoline	54	340	(s)	214	0	0	0	0	608	2,306
Naphtha-Type Jet Fuel	0	6,201	0	427	0	0	0	1	6,627	5,667
Kerosene-Type Jet Fuel	(s)	23,221	225	3,336	0	0	0	692	26,090	31,180
Kerosene	2	4,408	477	924	0	0	0	1	5,811	10,420
Distillate Fuel Oil	2	82,295	3,370	6,988	0	297	0	4,436	88,518	178,592
Residual Fuel Oil	0	30,645	23,157	197	0	1,324	0	5,771	49,551	66,200
Naphtha < 400 Deg. for Petro. Feed. Use	0	4,290	28	36	0	0	0	187	4,167	1,967
Other Oils > 400 Deg. for Petro. Feed. Use	0	7,724	0	14	0	0	0	670	7,068	2,180
Special Naphthas	43	1,225	704	-14	0	0	0	24	1,935	3,474
Lubricants	0	3,551	255	117	0	0	0	438	3,485	12,531
Waxes	0	448	63	-32	0	0	0	21	458	786
Petroleum Coke	0	13,352	0	-31	0	0	0	6,308	7,013	6,721
Asphalt	0	7,500	59	-1,789	0	0	0	159	5,612	15,884
Road Oil	0	9	0	7	0	0	0	0	16	47
Still Gas	0	16,825	0	0	0	0	0	0	16,825	0
Miscellaneous Products	164	2,541	3	872	0	0	0	32	3,548	1,832
Total	**318,555**	**415,748**	**142,772**	**25,279**	**1,090**	**-53**	**396,630**	**26,657**	**480,104**	**1,429,924**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,509**	**0**	**3,693**	**-401**	**101**	**-66**	**11,599**	**238**	**0**
Natural Gas Plant Liquids and LRGs	**1,566**	**236**	**328**	**432**	**0**	**0**	**583**	**67**	**1,912**
Natural Gasoline and Isopentane	228	0	10	-44	0	0	147	0	47
Unfractionated Stream	-29	0	0	30	0	0	(s)	0	1
Plant Condensate	38	0	4	2	0	0	45	0	(s)
Liquefied Petroleum Gases and Ethane	1,329	236	314	443	0	0	391	67	1,863
Ethane	265	6	59	-6	0	0	8	(s)	315
Propane	496	243	99	307	0	0	4	25	1,116
Butane	222	-13	80	115	0	0	243	42	119
Butane-Propane Mixtures	(s)	(s)	16	20	0	0	6	0	31
Ethane-Propane Mixtures	237	0	60	-14	0	0	0	0	283
Isobutane	108	(s)	0	21	0	0	129	0	(s)
Other Liquids	**41**	**0**	**207**	**-83**	**0**	**0**	**432**	**0**	**-267**
Other Hydrocarbons and Alcohol	41	0	0	1	0	0	42	0	0
Unfinished Oils	0	0	163	-146	0	0	138	0	-121
Motor Gasoline Blending Components	0	0	44	61	0	0	253	0	-147
Aviation Gasoline Blending Components	0	0	0	1	0	0	-1	0	2
Finished Petroleum Products	**11**	**12,875**	**1,105**	**948**	**0**	**63**	**0**	**523**	**14,479**
Finished Motor Gasoline	3	6,164	128	-316	0	0	0	18	5,961
Finished Leaded Motor Gasoline	3	2,948	59	-99	0	0	0	18	2,893
Finished Unleaded Motor Gasoline	(s)	3,212	69	-218	0	0	0	0	3,063
Gasohol	0	4	0	(s)	0	0	0	0	4
Finished Aviation Gasoline	2	19	0	2	0	0	0	0	23
Naphtha-Type Jet Fuel	0	153	3	8	0	0	0	(s)	164
Kerosene-Type Jet Fuel	0	744	7	128	0	0	0	8	871
Kerosene	(s)	142	23	49	0	0	0	8	205
Distillate Fuel Oil	(s)	2,591	97	876	0	10	0	90	3,484
Residual Fuel Oil	0	1,235	831	301	0	53	0	235	2,185
Naphtha < 400 Deg. for Petro. Feed. Use	0	147	6	-5	0	0	0	3	145
Other Oils > 400 Deg. for Petro. Feed. Use	0	284	0	1	0	0	0	37	249
Special Naphthas	1	42	3	(s)	0	0	0	3	43
Lubricants	0	138	6	-2	0	0	0	13	129
Waxes	0	15	(s)	1	0	0	0	1	15
Petroleum Coke	0	390	0	11	0	0	0	106	296
Asphalt	0	202	(s)	-106	0	0	0	(s)	96
Road Oil	0	(s)	0	(s)	0	0	0	0	(s)
Still Gas	0	508	0	0	0	0	0	0	508
Miscellaneous Products	5	101	(s)	(s)	0	0	0	2	104
Total	**10,128**	**13,111**	**5,332**	**897**	**101**	**-3**	**12,613**	**829**	**16,124**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,702**	**0**	**2,990**	**-242**	**156**	**-66**	**11,236**	**304**	**0**
Natural Gas Plant Liquids and LRGs	**1,552**	**230**	**296**	**183**	**0**	**0**	**523**	**51**	**1,687**
Natural Gasoline and Isopentane	248	0	(s)	-26	0	0	157	0	65
Unfractionated Stream	35	0	0	-34	0	0	(s)	0	1
Plant Condensate	33	0	5	(s)	0	0	38	0	(s)
Liquefied Petroleum Gases and Ethane	1,236	230	291	243	0	0	327	51	1,621
Ethane	278	6	73	-17	0	0	9	(s)	331
Propane	465	218	72	147	0	0	4	20	879
Butane	219	5	59	94	0	0	213	31	134
Butane-Propane Mixtures	-38	1	35	-1	0	0	5	0	-9
Ethane-Propane Mixtures	209	0	51	26	0	0	0	0	286
Isobutane	103	(s)	0	-7	0	0	96	0	(s)
Other Liquids	**47**	**0**	**200**	**-45**	**0**	**0**	**467**	**0**	**-266**
Other Hydrocarbons and Alcohol	47	0	0	(s)	0	0	47	0	0
Unfinished Oils	0	0	156	-24	0	0	227	0	-94
Motor Gasoline Blending Components	0	0	43	-23	0	0	193	0	-172
Aviation Gasoline Blending Components	0	0	0	1	0	0	(s)	0	1
Finished Petroleum Products	**11**	**12,540**	**1,322**	**1,092**	**0**	**64**	**0**	**449**	**14,580**
Finished Motor Gasoline	2	5,896	133	172	0	0	0	8	6,196
Finished Leaded Motor Gasoline	2	2,751	90	151	0	0	0	8	2,985
Finished Unleaded Motor Gasoline	(s)	3,141	43	23	0	0	0	0	3,208
Gasohol	0	4	0	-1	0	0	0	0	3
Finished Aviation Gasoline	1	20	0	-2	0	0	0	0	19
Naphtha-Type Jet Fuel	0	185	8	27	0	0	0	(s)	219
Kerosene-Type Jet Fuel	0	817	55	-30	0	0	0	9	833
Kerosene	(s)	153	8	16	0	0	0	(s)	177
Distillate Fuel Oil	(s)	2,427	132	605	0	11	0	90	3,085
Residual Fuel Oil	0	1,186	956	363	0	53	0	213	2,344
Naphtha < 400 Deg. for Petro. Feed. Use	0	190	7	-1	0	0	0	3	192
Other Oils > 400 Deg. for Petro. Feed. Use	0	272	0	2	0	0	0	6	268
Special Naphthas	2	48	9	8	0	0	0	9	58
Lubricants	0	146	11	6	0	0	0	12	151
Waxes	0	14	1	(s)	0	0	0	1	14
Petroleum Coke	0	394	0	-11	0	0	0	97	285
Asphalt	0	193	2	-56	0	0	0	(s)	138
Road Oil	0	(s)	0	(s)	0	0	0	0	(s)
Still Gas	0	518	0	0	0	0	0	0	518
Miscellaneous Products	5	81	(s)	-5	0	0	0	1	81
Total	**10,312**	**12,770**	**4,807**	**988**	**156**	**-2**	**12,226**	**804**	**16,001**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,667**	**0**	**2,874**	**121**	**2**	**-68**	**11,276**	**321**	**0**
Natural Gas Plant Liquids and LRGs	**1,559**	**255**	**229**	**220**	**0**	**0**	**507**	**74**	**1,681**
Natural Gasoline and Isopentane	229	0	(s)	14	0	0	178	0	65
Unfractionated Stream	5	0	0	-5	0	0	0	0	1
Plant Condensate	36	0	6	-1	0	0	41	0	(s)
Liquefied Petroleum Gases and Ethane	1,289	255	223	211	0	0	289	74	1,615
Ethane	276	7	58	-6	0	0	6	(s)	329
Propane	463	243	60	82	0	0	4	37	808
Butane	215	2	42	122	0	0	144	38	199
Butane-Propane Mixtures	-1	3	14	5	0	0	4	0	17
Ethane-Propane Mixtures	228	0	49	-14	0	0	0	0	263
Isobutane	109	(s)	0	22	0	0	131	0	(s)
Other Liquids	**45**	**0**	**153**	**14**	**0**	**0**	**507**	**0**	**-295**
Other Hydrocarbons and Alcohol	45	0	0	(s)	0	0	45	0	0
Unfinished Oils	0	0	117	21	0	0	309	0	-171
Motor Gasoline Blending Components	0	0	36	-7	0	0	157	0	-127
Aviation Gasoline Blending Components	0	0	0	(s)	0	0	-3	0	3
Finished Petroleum Products	**12**	**12,544**	**1,228**	**814**	**0**	**63**	**0**	**487**	**14,175**
Finished Motor Gasoline	2	5,991	183	334	0	0	0	44	6,466
Finished Leaded Motor Gasoline	2	2,877	109	164	0	0	0	44	3,108
Finished Unleaded Motor Gasoline	(s)	3,112	74	168	0	0	0	0	3,354
Gasohol	0	3	0	1	0	0	0	0	4
Finished Aviation Gasoline	2	20	0	3	0	0	0	0	25
Naphtha-Type Jet Fuel	0	222	0	-12	0	0	0	(s)	210
Kerosene-Type Jet Fuel	0	902	39	-168	0	0	0	3	769
Kerosene	(s)	105	2	10	0	0	0	(s)	117
Distillate Fuel Oil	(s)	2,288	48	682	0	10	0	84	2,945
Residual Fuel Oil	0	1,123	912	12	0	53	0	197	1,903
Naphtha < 400 Deg. for Petro. Feed. Use	0	183	2	-15	0	0	0	5	165
Other Oils > 400 Deg. for Petro. Feed. Use	0	265	0	(s)	0	0	0	10	255
Special Naphthas	4	55	36	(s)	0	0	0	8	86
Lubricants	0	137	4	16	0	0	0	22	134
Waxes	0	14	(s)	(s)	0	0	0	1	13
Petroleum Coke	0	411	0	-7	0	0	0	110	294
Asphalt	0	228	(s)	-50	0	0	0	(s)	177
Road Oil	0	1	0	-1	0	0	0	0	(s)
Still Gas	0	540	0	0	0	0	0	0	540
Miscellaneous Products	4	58	(s)	12	0	0	0	1	73
Total	**10,284**	**12,799**	**4,484**	**1,169**	**2**	**-5**	**12,290**	**882**	**15,560**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,591**	**0**	**2,849**	**-37**	**231**	**-68**	**11,392**	**174**	**0**
Natural Gas Plant Liquids and LRGs	**1,531**	**263**	**193**	**165**	**0**	**0**	**483**	**77**	**1,594**
Natural Gasoline and Isopentane	283	0	(s)	36	0	0	184	0	135
Unfractionated Stream	-30	0	0	31	0	0	0	0	1
Plant Condensate	35	0	6	1	0	0	42	0	(s)
Liquefied Petroleum Gases and Ethane	1,243	263	188	98	0	0	257	77	1,458
Ethane	284	7	40	(s)	0	0	6	(s)	326
Propane	462	236	32	46	0	0	3	42	731
Butane	219	14	45	9	0	0	123	34	130
Butane-Propane Mixtures	-31	6	37	(s)	0	0	4	0	9
Ethane-Propane Mixtures	205	0	32	24	0	0	0	0	262
Isobutane	104	(s)	0	18	0	0	121	0	(s)
Other Liquids	**55**	**0**	**198**	**88**	**0**	**0**	**570**	**0**	**-229**
Other Hydrocarbons and Alcohol	55	0	0	-1	0	0	54	0	0
Unfinished Oils	0	0	151	-107	0	0	188	0	-145
Motor Gasoline Blending Components	0	0	47	193	0	0	327	0	-87
Aviation Gasoline Blending Components	0	0	0	4	0	0	1	0	3
Finished Petroleum Products	**10**	**12,673**	**1,138**	**1,330**	**0**	**65**	**0**	**534**	**14,681**
Finished Motor Gasoline	2	6,093	185	650	0	0	0	33	6,897
Finished Leaded Motor Gasoline	2	2,913	125	395	0	0	0	33	3,402
Finished Unleaded Motor Gasoline	(s)	3,177	60	255	0	0	0	0	3,492
Gasohol	0	3	0	-1	0	0	0	0	3
Finished Aviation Gasoline	2	16	0	8	0	0	0	0	26
Naphtha-Type Jet Fuel	0	213	6	4	0	0	0	1	222
Kerosene-Type Jet Fuel	(s)	797	41	-55	0	0	0	1	782
Kerosene	(s)	120	17	-28	0	0	0	1	109
Distillate Fuel Oil	(s)	2,358	59	612	0	13	0	64	2,978
Residual Fuel Oil	0	1,166	788	150	0	52	0	234	1,923
Naphtha < 400 Deg. for Petro. Feed. Use	0	147	11	14	0	0	0	7	164
Other Oils > 400 Deg. for Petro. Feed. Use	0	262	0	6	0	0	0	15	254
Special Naphthas	3	48	19	6	0	0	0	14	62
Lubricants	0	151	6	12	0	0	0	17	152
Waxes	0	14	(s)	(s)	0	0	0	(s)	13
Petroleum Coke	0	405	0	-3	0	0	0	146	256
Asphalt	0	266	4	-37	0	0	0	(s)	233
Road Oil	0	7	(s)	-1	0	0	0	0	6
Still Gas	0	533	0	0	0	0	0	0	533
Miscellaneous Products	3	76	(s)	-7	0	0	0	1	72
Total	**10,188**	**12,936**	**4,378**	**1,547**	**231**	**-2**	**12,445**	**786**	**16,046**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal(+) Addi-tion(-)	Unac-counted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,683**	**0**	**3,309**	**29**	**111**	**-65**	**11,806**	**262**	**0**
Natural Gas Plant Liquids and LRGs	**1,506**	**281**	**198**	**-46**	**0**	**0**	**444**	**43**	**1,452**
Natural Gasoline and Isopentane	192	0	6	25	0	0	175	0	48
Unfractionated Stream	-4	0	0	4	0	0	0	0	1
Plant Condensate	34	0	6	-4	0	0	35	0	(s)
Liquefied Petroleum Gases and Ethane	1,284	281	186	-71	0	0	234	43	1,403
Ethane	262	2	47	-2	0	0	5	(s)	304
Propane	476	260	45	-78	0	0	3	27	673
Butane	232	10	49	-54	0	0	120	16	100
Butane-Propane Mixtures	-17	8	21	-1	0	0	5	0	7
Ethane-Propane Mixtures	218	0	24	76	0	0	(s)	0	319
Isobutane	113	(s)	0	-13	0	0	101	0	(s)
Other Liquids	**43**	**0**	**241**	**88**	**0**	**0**	**615**	**0**	**-244**
Other Hydrocarbons and Alcohol	43	0	0	(s)	0	0	43	0	0
Unfinished Oils	0	0	204	29	0	0	408	0	-174
Motor Gasoline Blending Components	0	0	36	60	0	0	168	0	-72
Aviation Gasoline Blending Components	0	0	0	-1	0	0	-4	0	2
Finished Petroleum Products	**12**	**13,106**	**1,064**	**-107**	**0**	**62**	**0**	**499**	**13,639**
Finished Motor Gasoline	1	6,318	182	177	0	0	0	23	6,655
Finished Leaded Motor Gasoline	1	3,080	119	64	0	0	0	23	3,240
Finished Unleaded Motor Gasoline	(s)	3,235	63	113	0	0	0	0	3,411
Gasohol	0	3	0	1	0	0	0	0	4
Finished Aviation Gasoline	2	26	(s)	-2	0	0	0	0	26
Naphtha-Type Jet Fuel	0	204	12	-8	0	0	0	(s)	208
Kerosene-Type Jet Fuel	0	699	19	82	0	0	0	1	799
Kerosene	(s)	77	6	21	0	0	0	(s)	104
Distillate Fuel Oil	(s)	2,618	74	-183	0	10	0	75	2,444
Residual Fuel Oil	0	1,128	742	-172	0	52	0	191	1,560
Naphtha < 400 Deg. for Petro. Feed. Use	0	146	3	(s)	0	0	0	4	144
Other Oils > 400 Deg. for Petro. Feed. Use	0	300	0	-7	0	0	0	30	263
Special Naphthas	5	45	14	(s)	0	0	0	1	63
Lubricants	0	148	9	-5	0	0	0	18	134
Waxes	0	15	(s)	-4	0	0	0	1	12
Petroleum Coke	0	408	0	-1	0	0	0	153	255
Asphalt	0	340	3	(s)	0	0	0	2	341
Road Oil	0	2	0	-1	0	0	0	0	1
Still Gas	0	556	0	0	0	0	0	0	556
Miscellaneous Products	4	74	1	-3	0	0	0	2	74
Total	**10,244**	**13,387**	**4,811**	**-37**	**111**	**-2**	**12,864**	**803**	**14,847**

1 Unaccounted for crude oil is a balancing item.

2 Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,646**	**0**	**3,836**	**40**	**133**	**-67**	**12,494**	**94**	**0**
Natural Gas Plant Liquids and LRGs	**1,499**	**293**	**220**	**-69**	**0**	**0**	**494**	**106**	**1,343**
Natural Gasoline and Isopentane	216	0	23	41	0	0	192	0	88
Unfractionated Stream	24	0	0	-24	0	0	0	0	1
Plant Condensate	36	0	5	-1	0	0	40	0	(s)
Liquefied Petroleum Gases and Ethane	1,222	293	192	-86	0	0	262	106	1,254
Ethane	260	3	53	3	0	0	3	(s)	315
Propane	447	267	56	-70	0	0	4	51	645
Butane	218	24	61	-81	0	0	133	55	35
Butane-Propane Mixtures	-19	(s)	24	-2	0	0	6	0	-4
Ethane-Propane Mixtures	202	0	0	61	0	0	0	0	264
Isobutane	114	(s)	0	2	0	0	116	0	(s)
Other Liquids	**55**	**0**	**231**	**-7**	**0**	**0**	**581**	**0**	**-302**
Other Hydrocarbons and Alcohol	55	0	0	(s)	0	0	55	0	0
Unfinished Oils	0	0	208	7	0	0	402	0	-187
Motor Gasoline Blending Components	0	0	23	-18	0	0	123	0	-118
Aviation Gasoline Blending Components	0	0	0	4	0	0	(s)	0	3
Finished Petroleum Products	**12**	**13,760**	**1,040**	**-412**	**0**	**60**	**0**	**503**	**13,957**
Finished Motor Gasoline	1	6,753	230	-134	0	0	0	14	6,835
Finished Leaded Motor Gasoline	1	3,197	153	-67	0	0	0	14	3,270
Finished Unleaded Motor Gasoline	0	3,553	77	-68	0	0	0	0	3,562
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	3	28	(s)	4	0	0	0	0	34
Naphtha-Type Jet Fuel	0	214	0	16	0	0	0	1	229
Kerosene-Type Jet Fuel	0	716	3	44	0	0	0	1	761
Kerosene	(s)	89	5	-11	0	0	0	(s)	83
Distillate Fuel Oil	(s)	2,729	102	-335	0	10	0	55	2,452
Residual Fuel Oil	0	1,074	652	-57	0	50	0	217	1,501
Naphtha < 400 Deg. for Petro. Feed. Use	0	153	8	18	0	0	0	3	176
Other Oils > 400 Deg. for Petro. Feed. Use	0	279	0	-4	0	0	0	25	251
Special Naphthas	3	56	13	4	0	0	0	6	70
Lubricants	0	153	13	2	0	0	0	17	151
Waxes	0	15	1	-1	0	0	0	1	14
Petroleum Coke	0	405	0	-21	0	0	0	160	223
Asphalt	0	416	14	60	0	0	0	1	489
Road Oil	0	3	(s)	1	0	0	0	0	4
Still Gas	0	603	0	0	0	0	0	0	603
Miscellaneous Products	6	74	(s)	(s)	0	0	0	1	79
Total	**10,212**	**14,054**	**5,327**	**-450**	**133**	**-7**	**13,568**	**703**	**14,998**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,658**	**0**	**4,248**	**-147**	**-20**	**-63**	**12,446**	**229**	**0**
Natural Gas Plant Liquids and LRGs	**1,502**	**301**	**277**	**-39**	**0**	**0**	**494**	**37**	**1,509**
Natural Gasoline and Isopentane	255	0	42	11	0	0	199	0	109
Unfractionated Stream	41	0	0	-40	0	0	0	0	1
Plant Condensate	31	0	7	4	0	0	42	0	(s)
Liquefied Petroleum Gases and Ethane	1,175	301	227	-13	0	0	253	37	1,399
Ethane	252	4	56	15	0	0	3	(s)	322
Propane	433	270	43	-7	0	0	3	21	714
Butane	189	26	45	-33	0	0	144	17	65
Butane-Propane Mixtures	-10	2	23	(s)	0	0	3	0	12
Ethane-Propane Mixtures	206	0	61	21	0	0	0	0	288
Isobutane	106	-1	0	-9	0	0	98	0	-2
Other Liquids	**58**	**0**	**236**	**-51**	**0**	**0**	**614**	**0**	**-371**
Other Hydrocarbons and Alcohol	58	0	0	(s)	0	0	58	0	0
Unfinished Oils	0	0	206	7	0	0	456	0	-243
Motor Gasoline Blending Components	0	0	30	-59	0	0	104	0	-133
Aviation Gasoline Blending Components	0	0	0	1	0	0	-3	0	5
Finished Petroleum Products	**11**	**13,794**	**1,129**	**-836**	**0**	**60**	**0**	**475**	**13,683**
Finished Motor Gasoline	1	6,767	225	-178	0	0	0	24	6,790
Finished Leaded Motor Gasoline	1	3,197	144	-95	0	0	0	24	3,222
Finished Unleaded Motor Gasoline	0	3,566	82	-83	0	0	0	0	3,565
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	3	27	(s)	-1	0	0	0	0	29
Naphtha-Type Jet Fuel	0	223	8	-10	0	0	0	0	221
Kerosene-Type Jet Fuel	0	744	23	15	0	0	0	1	780
Kerosene	(s)	86	5	6	0	0	0	(s)	96
Distillate Fuel Oil	(s)	2,734	125	-789	0	11	0	24	2,058
Residual Fuel Oil	0	1,028	657	56	0	49	0	239	1,550
Naphtha < 400 Deg. for Petro. Feed. Use	0	141	51	7	0	0	0	3	195
Other Oils > 400 Deg. for Petro. Feed. Use	0	268	0	-9	0	0	0	15	244
Special Naphthas	2	65	17	-5	0	0	0	2	77
Lubricants	0	149	11	-5	0	0	0	17	138
Waxes	0	13	2	2	0	0	0	1	15
Petroleum Coke	0	431	0	-13	0	0	0	144	274
Asphalt	0	422	7	106	0	0	0	2	533
Road Oil	0	2	0	-1	0	0	0	0	1
Still Gas	0	611	0	0	0	0	0	0	611
Miscellaneous Products	5	84	(s)	-17	0	0	0	2	70
Total	**10,229**	**14,094**	**5,890**	**-1,074**	**-20**	**-3**	**13,555**	**741**	**14,821**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 1982 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,634**	**0**	**3,851**	**-440**	**189**	**-59**	**11,871**	**304**	**0**
Natural Gas Plant Liquids and LRGs	**1,512**	**281**	**129**	**-26**	**0**	**0**	**483**	**61**	**1,353**
Natural Gasoline and Isopentane	247	0	(s)	27	0	0	197	0	76
Unfractionated Stream	2	0	0	-2	0	0	0	0	(s)
Plant Condensate	33	0	4	-5	0	0	33	0	(s)
Liquefied Petroleum Gases and Ethane	1,230	281	125	-45	0	0	254	61	1,276
Ethane	261	3	25	-3	0	0	(s)	(s)	285
Propane	453	259	40	-16	0	0	4	30	700
Butane	211	21	45	-57	0	0	142	30	47
Butane-Propane Mixtures	-18	-1	16	-2	0	0	5	0	-10
Ethane-Propane Mixtures	209	0	0	46	0	0	1	0	254
Isobutane	113	-1	0	-13	0	0	101	0	-1
Other Liquids	**57**	**0**	**233**	**82**	**0**	**0**	**514**	**0**	**-142**
Other Hydrocarbons and Alcohol	57	0	0	1	0	0	58	0	0
Unfinished Oils	0	0	182	33	0	0	266	0	-51
Motor Gasoline Blending Components	0	0	51	47	0	0	193	0	-95
Aviation Gasoline Blending Components	0	0	0	2	0	0	-2	0	4
Finished Petroleum Products	**13**	**13,123**	**1,030**	**-101**	**0**	**57**	**0**	**493**	**13,629**
Finished Motor Gasoline	1	6,419	291	-81	0	0	0	16	6,614
Finished Leaded Motor Gasoline	1	2,903	207	-7	0	0	0	16	3,088
Finished Unleaded Motor Gasoline	0	3,512	84	-74	0	0	0	0	3,522
Gasohol	0	4	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	3	34	(s)	-2	0	0	0	0	35
Naphtha-Type Jet Fuel	0	204	7	13	0	0	0	0	225
Kerosene-Type Jet Fuel	0	781	19	-42	0	0	0	1	757
Kerosene	(s)	84	8	-13	0	0	0	(s)	78
Distillate Fuel Oil	(s)	2,507	80	-339	0	10	0	40	2,218
Residual Fuel Oil	0	965	550	203	0	47	0	235	1,530
Naphtha < 400 Deg. for Petro. Feed. Use	0	144	32	-5	0	0	0	5	166
Other Oils > 400 Deg. for Petro. Feed. Use	0	283	0	-6	0	0	0	22	255
Special Naphthas	5	47	24	5	0	0	0	1	80
Lubricants	0	141	10	5	0	0	0	17	138
Waxes	0	14	2	(s)	0	0	0	1	15
Petroleum Coke	0	414	0	13	0	0	0	153	274
Asphalt	0	432	7	152	0	0	0	2	589
Road Oil	0	2	0	1	0	0	0	0	3
Still Gas	0	573	0	0	0	0	0	0	573
Miscellaneous Products	4	81	(s)	-6	0	0	0	1	78
Total	**10,215**	**13,404**	**5,244**	**-484**	**189**	**-2**	**12,868**	**858**	**14,839**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,701**	**0**	**3,636**	**263**	**-210**	**-60**	**12,146**	**184**	**0**
Natural Gas Plant Liquids and LRGs	**1,510**	**309**	**283**	**78**	**0**	**0**	**506**	**85**	**1,589**
Natural Gasoline and Isopentane	301	0	17	-6	0	0	187	0	125
Unfractionated Stream	-40	0	0	41	0	0	0	0	(s)
Plant Condensate	20	0	19	6	0	0	45	0	(s)
Liquefied Petroleum Gases and Ethane	1,229	309	247	37	0	0	274	85	1,463
Ethane	243	3	30	14	0	0	1	(s)	288
Propane	447	268	74	-1	0	0	4	36	748
Butane	208	18	73	-14	0	0	170	49	66
Butane-Propane Mixtures	-18	21	45	7	0	0	4	0	50
Ethane-Propane Mixtures	234	0	26	51	0	0	0	0	310
Isobutane	116	-1	0	-20	0	0	95	0	(s)
Other Liquids	**60**	**0**	**213**	**-63**	**0**	**0**	**517**	**0**	**-308**
Other Hydrocarbons and Alcohol	60	0	0	(s)	0	0	60	0	0
Unfinished Oils	0	0	145	-36	0	0	351	0	-242
Motor Gasoline Blending Components	0	0	68	-26	0	0	111	0	-69
Aviation Gasoline Blending Components	0	0	0	-2	0	0	-5	0	3
Finished Petroleum Products	**8**	**13,377**	**1,283**	**-462**	**0**	**56**	**0**	**522**	**13,741**
Finished Motor Gasoline	1	6,526	223	-198	0	0	0	22	6,531
Finished Leaded Motor Gasoline	1	3,014	144	-10	0	0	0	22	3,127
Finished Unleaded Motor Gasoline	0	3,509	79	-188	0	0	0	0	3,400
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	22	(s)	8	0	0	0	0	31
Naphtha-Type Jet Fuel	0	196	16	-12	0	0	0	7	193
Kerosene-Type Jet Fuel	0	781	14	46	0	0	0	1	840
Kerosene	(s)	112	8	-12	0	0	0	1	108
Distillate Fuel Oil	(s)	2,656	61	-85	0	12	0	139	2,507
Residual Fuel Oil	0	1,008	872	-306	0	44	0	148	1,470
Naphtha < 400 Deg. for Petro. Feed. Use	0	125	46	-3	0	0	0	4	163
Other Oils > 400 Deg. for Petro. Feed. Use	0	252	0	2	0	0	0	11	243
Special Naphthas	(s)	66	25	-8	0	0	0	9	74
Lubricants	0	131	10	26	0	0	0	19	149
Waxes	0	14	1	(s)	0	0	0	(s)	14
Petroleum Coke	0	406	0	-26	0	0	0	157	223
Asphalt	0	413	7	93	0	0	0	2	512
Road Oil	0	2	0	(s)	0	0	0	0	2
Still Gas	0	588	0	0	0	0	0	0	588
Miscellaneous Products	5	77	(s)	13	0	0	0	1	94
Total	**10,279**	**13,686**	**5,414**	**-183**	**-210**	**-4**	**13,169**	**791**	**15,022**

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1 Unaccounted for crude oil is a balancing item.

2 Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousand Barrels per Day)

Commodity	Supply: Field Production	Supply: Refinery Production	Supply: Imports	Supply: Stock Withdrawal(+) Addition(-)	Supply: Unaccounted For Crude Oil [1]	Supply: Crude Used Directly and Losses [2]	Disposition: Refinery Inputs	Disposition: Exports	Disposition: Products Supplied
Crude Oil (including lease condensate)	**8,701**	**0**	**3,670**	**-548**	**249**	**-53**	**11,749**	**270**	**0**
Natural Gas Plant Liquids and LRGs	**1,521**	**258**	**241**	**150**	**0**	**0**	**512**	**81**	**1,576**
Natural Gasoline and Isopentane	253	0	45	23	0	0	166	0	155
Unfractionated Stream	-29	0	0	29	0	0	0	0	(s)
Plant Condensate	37	0	2	1	0	0	40	0	(s)
Liquefied Petroleum Gases and Ethane	1,259	258	194	97	0	0	306	81	1,421
Ethane	269	5	36	-6	0	0	1	(s)	303
Propane	435	242	80	70	0	0	3	38	786
Butane	207	4	76	64	0	0	200	44	107
Butane-Propane Mixtures	5	3	0	-14	0	0	8	0	-14
Ethane-Propane Mixtures	232	0	3	(s)	0	0	0	0	235
Isobutane	110	4	0	-17	0	0	93	0	4
Other Liquids	**67**	**0**	**212**	**164**	**0**	**0**	**709**	**0**	**-265**
Other Hydrocarbons and Alcohol	67	0	0	1	0	0	68	0	0
Unfinished Oils	0	0	180	145	0	0	501	0	-176
Motor Gasoline Blending Components	0	0	32	17	0	0	139	0	-90
Aviation Gasoline Blending Components	0	0	0	1	0	0	1	0	1
Finished Petroleum Products	**9**	**13,245**	**1,183**	**-361**	**0**	**51**	**0**	**580**	**13,547**
Finished Motor Gasoline	1	6,261	185	-42	0	0	0	15	6,391
Finished Leaded Motor Gasoline	1	2,974	128	-50	0	0	0	15	3,040
Finished Unleaded Motor Gasoline	0	3,284	57	8	0	0	0	0	3,349
Gasohol	0	3	0	(s)	0	0	0	0	2
Finished Aviation Gasoline	1	23	(s)	(s)	0	0	0	0	24
Naphtha-Type Jet Fuel	0	190	3	-1	0	0	0	(s)	192
Kerosene-Type Jet Fuel	0	791	17	-38	0	0	0	1	769
Kerosene	(s)	129	24	-12	0	0	0	(s)	141
Distillate Fuel Oil	(s)	2,838	91	-289	0	8	0	66	2,581
Residual Fuel Oil	0	955	783	-57	0	43	0	234	1,490
Naphtha < 400 Deg. for Petro. Feed. Use	0	139	25	14	0	0	0	3	174
Other Oils > 400 Deg. for Petro. Feed. Use	0	256	0	(s)	0	0	0	28	229
Special Naphthas	1	52	23	-4	0	0	0	3	69
Lubricants	0	142	8	(s)	0	0	0	18	131
Waxes	0	13	2	1	0	0	0	1	14
Petroleum Coke	0	395	0	12	0	0	0	210	197
Asphalt	0	441	5	45	0	0	0	(s)	490
Road Oil	0	(s)	0	(s)	0	0	0	0	(s)
Still Gas	0	542	0	0	0	0	0	0	542
Miscellaneous Products	4	81	18	10	0	0	0	1	113
Total	**10,299**	**13,503**	**5,306**	**-595**	**249**	**-1**	**12,970**	**932**	**14,859**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 1982 (Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,697**	**0**	**3,862**	**-398**	**-124**	**-52**	**11,724**	**262**	**0**
Natural Gas Plant Liquids and LRGs	**1,598**	**259**	**306**	**139**	**0**	**0**	**574**	**37**	**1,692**
Natural Gasoline and Isopentane	254	0	33	-1	0	0	177	0	108
Unfractionated Stream	31	0	0	-31	0	0	0	0	1
Plant Condensate	30	0	7	-3	0	0	34	0	(s)
Liquefied Petroleum Gases and Ethane	1,283	259	267	175	0	0	363	37	1,583
Ethane	290	2	42	-8	0	0	1	(s)	324
Propane	453	262	102	128	0	0	4	16	926
Butane	194	-7	63	105	0	0	248	22	86
Butane-Propane Mixtures	-19	3	39	(s)	0	0	6	0	17
Ethane-Propane Mixtures	259	0	20	-48	0	0	0	0	231
Isobutane	106	-1	0	-2	0	0	104	0	-1
Other Liquids	**53**	**0**	**230**	**96**	**0**	**0**	**626**	**0**	**-247**
Other Hydrocarbons and Alcohol	53	0	0	-1	0	0	52	0	0
Unfinished Oils	0	0	164	53	0	0	404	0	-187
Motor Gasoline Blending Components	0	0	66	43	0	0	172	0	-62
Aviation Gasoline Blending Components	0	0	0	1	0	0	-2	0	3
Finished Petroleum Products	**10**	**13,241**	**1,346**	**-597**	**0**	**50**	**0**	**487**	**13,564**
Finished Motor Gasoline	2	6,271	211	101	0	0	0	11	6,574
Finished Leaded Motor Gasoline	2	3,027	128	-22	0	0	0	11	3,124
Finished Unleaded Motor Gasoline	(s)	3,242	83	123	0	0	0	0	3,448
Gasohol	0	3	0	(s)	0	0	0	0	3
Finished Aviation Gasoline	2	22	(s)	-10	0	0	0	0	14
Naphtha-Type Jet Fuel	0	201	0	9	0	0	0	(s)	210
Kerosene-Type Jet Fuel	0	815	40	-1	0	0	0	9	845
Kerosene	(s)	144	34	-37	0	0	0	(s)	140
Distillate Fuel Oil	(s)	2,860	145	-514	0	8	0	24	2,475
Residual Fuel Oil	0	989	836	-94	0	43	0	182	1,591
Naphtha < 400 Deg. for Petro. Feed. Use	0	152	20	-6	0	0	0	2	163
Other Oils > 400 Deg. for Petro. Feed. Use	0	225	0	(s)	0	0	0	17	208
Special Naphthas	2	42	28	11	0	0	0	1	82
Lubricants	0	148	25	(s)	0	0	0	13	160
Waxes	0	15	1	(s)	0	0	0	1	15
Petroleum Coke	0	423	0	-28	0	0	0	224	172
Asphalt	0	324	6	-32	0	0	0	(s)	298
Road Oil	0	1	0	(s)	0	0	0	0	1
Still Gas	0	528	0	0	0	0	0	0	528
Miscellaneous Products	4	81	(s)	5	0	0	0	1	89
Total	**10,359**	**13,500**	**5,744**	**-759**	**-124**	**-2**	**12,924**	**786**	**15,009**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

(s) Less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 3. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 1982
(Thousand Barrels per Day)

Commodity	Supply						Disposition		
	Field Production	Refinery Production	Imports	Stock Withdrawal(+) Addition(-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Refinery Inputs	Exports	Products Supplied
Crude Oil (including lease condensate)	**8,598**	**0**	**3,000**	**128**	**35**	**-54**	**11,514**	**193**	**0**
Natural Gas Plant Liquids and LRGs	**1,617**	**272**	**263**	**296**	**0**	**0**	**581**	**56**	**1,812**
Natural Gasoline and Isopentane	309	0	(s)	9	0	0	150	0	169
Unfractionated Stream	-26	0	0	27	0	0	0	0	1
Plant Condensate	26	0	5	5	0	0	36	0	(s)
Liquefied Petroleum Gases and Ethane	1,307	272	258	256	0	0	395	56	1,642
Ethane	298	2	50	6	0	0	1	(s)	354
Propane	454	278	53	102	0	0	4	34	849
Butane	209	-5	70	121	0	0	250	22	123
Butane-Propane Mixtures	4	-3	0	8	0	0	5	0	4
Ethane-Propane Mixtures	237	0	85	-12	0	0	0	0	310
Isobutane	105	1	0	31	0	0	136	0	1
Other Liquids	**50**	**0**	**250**	**193**	**0**	**0**	**699**	**0**	**-207**
Other Hydrocarbons and Alcohol	50	0	0	-3	0	0	46	0	0
Unfinished Oils	0	0	215	209	0	0	527	0	-103
Motor Gasoline Blending Components	0	0	35	-8	0	0	133	0	-106
Aviation Gasoline Blending Components	0	0	0	-5	0	0	-7	0	3
Finished Petroleum Products	**11**	**13,139**	**1,092**	**198**	**0**	**52**	**0**	**611**	**13,882**
Finished Motor Gasoline	3	6,540	178	-165	0	0	0	7	6,549
Finished Leaded Motor Gasoline	2	3,022	128	-81	0	0	0	7	3,063
Finished Unleaded Motor Gasoline	(s)	3,514	51	-83	0	0	0	0	3,482
Gasohol	0	4	0	-1	0	0	0	0	4
Finished Aviation Gasoline	2	11	(s)	7	0	0	0	0	20
Naphtha-Type Jet Fuel	0	200	0	14	0	0	0	(s)	214
Kerosene-Type Jet Fuel	(s)	749	7	108	0	0	0	22	842
Kerosene	(s)	142	15	30	0	0	0	(s)	187
Distillate Fuel Oil	(s)	2,655	109	225	0	10	0	143	2,855
Residual Fuel Oil	0	989	747	6	0	43	0	186	1,598
Naphtha < 400 Deg. for Petro. Feed. Use	0	138	1	1	0	0	0	6	134
Other Oils > 400 Deg. for Petro. Feed. Use	0	249	0	(s)	0	0	0	22	228
Special Naphthas	1	40	23	(s)	0	0	0	1	62
Lubricants	0	115	8	4	0	0	0	14	112
Waxes	0	14	2	-1	0	0	0	1	15
Petroleum Coke	0	431	0	-1	0	0	0	203	226
Asphalt	0	242	2	-58	0	0	0	5	181
Road Oil	0	(s)	0	(s)	0	0	0	0	1
Still Gas	0	543	0	0	0	0	0	0	543
Miscellaneous Products	5	82	(s)	28	0	0	0	1	114
Total	**10,276**	**13,411**	**4,606**	**815**	**35**	**-2**	**12,795**	**860**	**15,487**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
(s) Less than 500 barrels per day.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, January 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	3,066	0	30,446	2,574	19	0	3,358	39,463	0	0	18,117
Natural Gas Plant Liquids and LRGs	1,056	1,292	995	2,017	0	0	3,934	362	40	8,892	3,464
Liquefied Petroleum Gases	418	1,292	995	2,028	0	0	3,934	329	40	8,297	3,424
Ethane	327	0	0	0	0	0	0	0	(s)	327	0
Other Products 3	311	0	0	-11	0	0	0	33	0	267	40
Other Liquids	106	0	2,164	-291	0	0	12	2,397	0	-406	20,502
Other Hydrocarbons and Alcohol	106	0	0	3	0	0	0	109	0	0	2
Unfinished Oils	0	0	1,956	-774	0	0	12	783	0	411	14,065
Motor Gasoline Blending Components	0	0	209	480	0	0	0	1,505	0	-816	6,435
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	72	42,611	30,256	24,548	0	0	84,125	0	933	180,679	191,675
Finished Motor Gasoline	72	20,380	2,753	-2,927	0	0	41,480	0	(s)	61,758	65,515
Finished Leaded Motor Gasoline	72	9,122	1,146	-492	0	0	18,538	0	(s)	28,386	31,305
Finished Unleaded Motor Gasoline	0	11,258	1,607	-2,447	0	0	22,942	0	0	33,360	34,208
Gasohol	0	0	0	12	0	0	0	0	0	12	2
Finished Aviation Gasoline	0	5	0	61	0	0	145	0	0	211	419
Naphtha-Type Jet Fuel	0	485	101	6	0	0	688	0	(s)	1,280	828
Kerosene-Type Jet Fuel	0	1,443	187	695	0	0	8,144	0	1	10,468	7,370
Kerosene	0	449	710	840	0	0	1,380	0	(s)	3,379	4,564
Distillate Fuel Oil	0	8,357	2,822	19,112	0	0	23,966	0	207	54,050	68,331
Residual Fuel Oil	0	6,281	23,462	7,917	0	0	6,487	0	493	43,655	32,227
Naphtha and Other Oils for Petro. Feed. Use	0	405	37	-121	0	0	82	0	35	367	339
Special Naphthas	0	18	11	60	0	0	199	0	3	285	1,148
Lubricants	0	529	168	-54	0	0	591	0	86	1,148	4,284
Waxes	0	99	4	-11	0	0	23	0	4	111	132
Petroleum Coke	0	1,158	0	-11	0	0	0	0	87	1,060	670
Asphalt	0	809	1	-861	0	0	210	0	1	158	5,346
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,771	0	0	0	0	0	0	0	1,771	0
Miscellaneous Products	0	422	1	-158	0	0	730	0	16	979	502
Total	4,300	43,903	63,861	28,848	19	0	91,429	42,222	973	189,165	233,758

1 Unaccounted for crude oil is a balancing item.

2 Total equals refinery fuel use and loss.

3 Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,807**	**0**	**26,409**	**-826**	**3,764**	**-1**	**2,567**	**34,720**	**0**	**0**	**18,943**
Natural Gas Plant Liquids and LRGs	**1,020**	**1,102**	**582**	**725**	**0**	**0**	**2,975**	**370**	**36**	**5,998**	**2,739**
Liquefied Petroleum Gases	422	1,102	581	717	0	0	2,975	343	36	5,419	2,707
Ethane	320	0	0	0	0	0	0	0	(s)	320	0
Other Products 3	278	0	(s)	8	0	0	0	27	0	259	32
Other Liquids	**101**	**0**	**1,172**	**-67**	**0**	**0**	**888**	**2,696**	**0**	**-602**	**20,569**
Other Hydrocarbons and Alcohol	101	0	0	-6	0	0	0	95	0	0	8
Unfinished Oils	0	0	982	-549	0	0	888	1,871	0	-550	14,614
Motor Gasoline Blending Components	0	0	190	488	0	0	0	730	0	-52	5,947
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**39**	**38,316**	**30,955**	**17,930**	**0**	**0**	**69,851**	**0**	**560**	**156,532**	**173,745**
Finished Motor Gasoline	39	18,141	2,954	1,697	0	0	35,433	0	1	58,263	63,818
Finished Leaded Motor Gasoline	39	7,939	1,870	997	0	0	16,156	0	1	27,000	30,308
Finished Unleaded Motor Gasoline	0	10,202	1,084	713	0	0	19,277	0	0	31,276	33,495
Gasohol	0	0	0	-13	0	0	0	0	0	-13	15
Finished Aviation Gasoline	0	0	0	-39	0	0	163	0	0	124	458
Naphtha-Type Jet Fuel	0	647	217	115	0	0	691	0	(s)	1,670	713
Kerosene-Type Jet Fuel	0	1,147	1,506	117	0	0	6,970	0	0	9,740	7,253
Kerosene	0	396	218	268	0	0	1,065	0	(s)	1,947	4,296
Distillate Fuel Oil	0	8,051	3,105	8,020	0	0	17,965	0	7	37,135	60,311
Residual Fuel Oil	0	5,279	22,579	7,190	0	0	5,959	0	356	40,651	25,037
Naphtha and Other Oils for Petro. Feed. Use	0	387	77	42	0	0	21	0	43	484	297
Special Naphthas	0	31	24	103	0	0	226	0	2	382	1,045
Lubricants	0	467	201	342	0	0	385	0	71	1,324	3,942
Waxes	0	77	16	2	0	0	6	0	4	97	130
Petroleum Coke	0	1,035	0	-46	0	0	0	0	59	930	716
Asphalt	0	665	58	103	0	0	143	0	4	964	5,243
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,527	0	0	0	0	0	0	0	1,527	0
Miscellaneous Products	0	466	1	16	0	0	824	0	14	1,293	486
Total	**3,966**	**39,418**	**59,119**	**17,763**	**3,764**	**-1**	**76,281**	**37,786**	**596**	**161,928**	**215,996**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, March 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**3,096**	**0**	**29,287**	**727**	**436**	**0**	**3,684**	**37,230**	**0**	**0**	**18,216**
Natural Gas Plant Liquids and LRGs	**1,120**	**1,280**	**416**	**145**	**0**	**0**	**2,397**	**324**	**70**	**4,964**	**2,594**
Liquefied Petroleum Gases	457	1,280	415	133	0	0	2,397	293	70	4,320	2,574
Ethane	352	0	0	0	0	0	0	0	(s)	352	0
Other Products 3	311	0	1	12	0	0	0	31	0	292	20
Other Liquids	**110**	**0**	**2,144**	**-624**	**0**	**0**	**1,618**	**3,035**	**0**	**213**	**21,193**
Other Hydrocarbons and Alcohol	110	0	0	4	0	0	0	114	0	0	4
Unfinished Oils	0	0	1,552	-651	0	0	1,618	2,819	0	-300	15,265
Motor Gasoline Blending Components	0	0	592	23	0	0	0	102	0	513	5,924
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**64**	**41,245**	**31,693**	**16,841**	**0**	**0**	**70,605**	**0**	**575**	**159,873**	**156,904**
Finished Motor Gasoline	64	18,671	4,636	2,927	0	0	40,226	0	1	66,523	60,891
Finished Leaded Motor Gasoline	64	8,255	2,703	1,684	0	0	17,450	0	1	30,155	28,624
Finished Unleaded Motor Gasoline	0	10,416	1,933	1,246	0	0	22,776	0	0	36,371	32,249
Gasohol	0	0	0	-3	0	0	0	0	0	-3	18
Finished Aviation Gasoline	0	9	0	14	0	0	404	0	0	427	444
Naphtha-Type Jet Fuel	0	743	0	111	0	0	477	0	(s)	1,331	602
Kerosene-Type Jet Fuel	0	1,452	1,200	-1,792	0	0	8,358	0	0	9,218	9,045
Kerosene	0	96	49	426	0	0	1,039	0	1	1,609	3,870
Distillate Fuel Oil	0	9,231	1,141	15,619	0	0	15,162	0	1	41,152	44,692
Residual Fuel Oil	0	5,388	24,143	25	0	0	3,283	0	225	32,614	25,012
Naphtha and Other Oils for Petro. Feed. Use	0	437	36	-64	0	0	-22	0	56	331	361
Special Naphthas	0	30	371	6	0	0	277	0	2	682	1,039
Lubricants	0	746	109	3	0	0	724	0	248	1,334	3,939
Waxes	0	101	4	-12	0	0	10	0	5	98	142
Petroleum Coke	0	1,279	0	-283	0	0	0	0	17	979	999
Asphalt	0	1,060	1	-164	0	0	200	0	5	1,093	5,407
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,653	0	0	0	0	0	0	0	1,653	0
Miscellaneous Products	0	349	2	25	0	0	467	0	15	828	461
Total	**4,390**	**42,525**	**63,539**	**17,089**	**436**	**0**	**78,304**	**40,589**	**645**	**165,049**	**198,907**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, April 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,849**	**0**	**27,164**	**1,067**	**795**	**-1**	**3,313**	**35,187**	**0**	**0**	**17,149**
Natural Gas Plant Liquids and LRGs	**1,147**	**1,344**	**346**	**23**	**0**	**0**	**1,807**	**286**	**62**	**4,320**	**2,571**
Liquefied Petroleum Gases	485	1,344	210	34	0	0	1,807	261	62	3,557	2,540
Ethane	362	0	0	0	0	0	0	0	(s)	362	0
Other Products 3	300	0	136	-11	0	0	0	25	0	400	31
Other Liquids	**80**	**0**	**3,069**	**466**	**0**	**0**	**1,067**	**3,878**	**0**	**804**	**20,727**
Other Hydrocarbons and Alcohol	80	0	0	-3	0	0	0	77	0	0	7
Unfinished Oils	0	0	1,807	-836	0	0	1,067	2,021	0	17	16,101
Motor Gasoline Blending Components	0	0	1,262	1,305	0	0	0	1,780	0	787	4,619
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**51**	**39,456**	**27,632**	**14,577**	**0**	**0**	**70,931**	**0**	**780**	**151,866**	**142,327**
Finished Motor Gasoline	51	19,245	4,193	4,091	0	0	42,290	0	1	69,869	56,800
Finished Leaded Motor Gasoline	51	8,180	3,091	1,851	0	0	19,013	0	1	32,184	26,773
Finished Unleaded Motor Gasoline	0	11,065	1,102	2,238	0	0	23,277	0	0	37,682	30,011
Gasohol	0	0	0	2	0	0	0	0	0	2	16
Finished Aviation Gasoline	0	4	0	-21	0	0	264	0	0	247	465
Naphtha-Type Jet Fuel	0	747	182	-25	0	0	707	0	(s)	1,611	627
Kerosene-Type Jet Fuel	0	876	1,242	-556	0	0	7,627	0	0	9,189	9,601
Kerosene	0	181	500	14	0	0	413	0	(s)	1,108	3,856
Distillate Fuel Oil	0	7,670	1,488	9,730	0	0	13,905	0	1	32,792	34,962
Residual Fuel Oil	0	4,673	19,681	1,600	0	0	4,058	0	(s)	30,012	23,412
Naphtha and Other Oils for Petro. Feed. Use	0	407	92	109	0	0	-126	0	61	421	252
Special Naphthas	0	19	18	-29	0	0	312	0	4	316	1,068
Lubricants	0	627	116	39	0	0	819	0	176	1,425	3,900
Waxes	0	97	4	-21	0	0	5	0	5	79	163
Petroleum Coke	0	1,169	0	-78	0	0	0	0	517	574	1,077
Asphalt	0	1,809	114	-264	0	0	261	0	1	1,919	5,671
Road Oil	0	0	1	0	0	0	0	0	0	1	0
Still Gas	0	1,551	0	0	0	0	0	0	0	1,551	0
Miscellaneous Products	0	381	1	-12	0	0	396	0	16	751	473
Total	**4,127**	**40,800**	**58,210**	**16,133**	**795**	**-1**	**77,118**	**39,351**	**842**	**156,989**	**182,774**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, May 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,884**	**0**	**28,379**	**-161**	**1,222**	**-13**	**1,543**	**33,854**	**0**	**0**	**17,310**
Natural Gas Plant Liquids and LRGs	**998**	**1,542**	**456**	**-456**	**0**	**0**	**1,636**	**310**	**64**	**3,802**	**3,027**
Liquefied Petroleum Gases	435	1,542	336	-464	0	0	1,636	297	64	3,124	3,004
Ethane	318	0	0	0	0	0	0	0	(s)	318	0
Other Products 3	246	0	120	8	0	0	0	13	0	360	23
Other Liquids	**127**	**0**	**3,344**	**1,415**	**0**	**0**	**964**	**6,572**	**0**	**-722**	**19,312**
Other Hydrocarbons and Alcohol	127	0	0	-10	0	0	0	117	0	0	17
Unfinished Oils	0	0	2,806	2,045	0	0	964	6,360	0	-545	14,056
Motor Gasoline Blending Components	0	0	538	-620	0	0	0	95	0	-177	5,239
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**27**	**41,222**	**25,538**	**-8,781**	**0**	**0**	**75,096**	**0**	**532**	**132,570**	**151,108**
Finished Motor Gasoline	27	20,635	3,461	-1,524	0	0	43,162	0	1	65,759	58,324
Finished Leaded Motor Gasoline	27	9,102	2,044	-1,991	0	0	19,633	0	1	28,814	28,764
Finished Unleaded Motor Gasoline	0	11,533	1,417	465	0	0	23,529	0	0	36,944	29,546
Gasohol	0	0	0	2	0	0	0	0	0	2	14
Finished Aviation Gasoline	0	11	(s)	43	0	0	151	0	0	205	422
Naphtha-Type Jet Fuel	0	944	179	-67	0	0	288	0	(s)	1,344	694
Kerosene-Type Jet Fuel	0	694	579	371	0	0	9,255	0	0	10,899	9,230
Kerosene	0	19	176	149	0	0	395	0	1	738	3,707
Distillate Fuel Oil	0	8,681	2,044	-4,180	0	0	15,941	0	(s)	22,485	39,142
Residual Fuel Oil	0	4,099	18,531	-4,905	0	0	4,733	0	0	22,458	28,317
Naphtha and Other Oils for Petro. Feed. Use	0	326	2	-21	0	0	-87	0	75	145	273
Special Naphthas	0	29	278	92	0	0	144	0	3	540	976
Lubricants	0	492	190	268	0	0	419	0	170	1,199	3,632
Waxes	0	96	3	-6	0	0	0	0	6	87	169
Petroleum Coke	0	1,120	0	40	0	0	0	0	254	906	1,037
Asphalt	0	1,787	79	1,075	0	0	336	0	2	3,276	4,596
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,815	0	0	0	0	0	0	0	1,815	0
Miscellaneous Products	0	474	17	-116	0	0	359	0	19	715	589
Total	**4,036**	**42,764**	**57,717**	**-7,983**	**1,222**	**-13**	**79,239**	**40,736**	**596**	**135,650**	**190,757**

1 Unaccounted for crude oil is a balancing item.
2 Total equals refinery fuel use and loss.
3 Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,795**	**0**	**29,630**	**-1,280**	**5,507**	**-3**	**3,813**	**40,462**	**0**	**0**	**18,590**
Natural Gas Plant Liquids and LRGs	**982**	**1,676**	**400**	**-732**	**0**	**0**	**1,798**	**375**	**64**	**3,684**	**3,759**
Liquefied Petroleum Gases	473	1,676	322	-715	0	0	1,798	354	64	3,137	3,718
Ethane	381	0	0	0	0	0	0	0	(s)	381	0
Other Products 3	128	0	78	-18	0	0	0	21	0	166	41
Other Liquids	**140**	**0**	**2,526**	**-2,369**	**0**	**0**	**-199**	**149**	**0**	**-51**	**21,681**
Other Hydrocarbons and Alcohol	140	0	0	-2	0	0	0	138	0	0	19
Unfinished Oils	0	0	2,162	-2,281	0	0	-199	-136	0	-182	16,337
Motor Gasoline Blending Components	0	0	365	-86	0	0	0	147	0	132	5,325
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**34**	**41,026**	**21,897**	**-6,687**	**0**	**0**	**75,850**	**0**	**428**	**131,692**	**157,795**
Finished Motor Gasoline	34	18,899	5,373	-1,827	0	0	46,128	0	2	68,605	60,151
Finished Leaded Motor Gasoline	34	8,377	3,264	-725	0	0	20,949	0	2	31,897	29,489
Finished Unleaded Motor Gasoline	0	10,522	2,109	-1,110	0	0	25,179	0	0	36,700	30,656
Gasohol	0	0	0	8	0	0	0	0	0	8	6
Finished Aviation Gasoline	0	14	(s)	-5	0	0	207	0	0	216	427
Naphtha-Type Jet Fuel	0	1,062	0	-28	0	0	696	0	0	1,730	722
Kerosene-Type Jet Fuel	0	1,306	84	498	0	0	7,132	0	0	9,020	8,732
Kerosene	0	15	145	-14	0	0	260	0	3	404	3,721
Distillate Fuel Oil	0	8,417	2,681	-5,067	0	0	15,718	0	1	21,749	44,209
Residual Fuel Oil	0	3,982	12,793	160	0	0	3,905	0	(s)	20,840	28,157
Naphtha and Other Oils for Petro. Feed. Use	0	330	84	8	0	0	-104	0	40	277	265
Special Naphthas	0	46	36	-98	0	0	435	0	5	414	1,074
Lubricants	0	511	299	94	0	0	729	0	139	1,494	3,538
Waxes	0	102	2	5	0	0	0	0	5	104	164
Petroleum Coke	0	922	0	249	0	0	0	0	213	958	788
Asphalt	0	3,116	396	-745	0	0	488	0	4	3,251	5,341
Road Oil	0	0	1	0	0	0	0	0	0	1	0
Still Gas	0	1,752	0	0	0	0	0	0	0	1,752	0
Miscellaneous Products	0	552	1	83	0	0	256	0	15	877	506
Total	**3,951**	**42,702**	**54,453**	**-11,068**	**5,507**	**-3**	**81,262**	**40,986**	**492**	**135,325**	**201,825**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, July 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,888**	**0**	**32,592**	**1,397**	**548**	**0**	**2,585**	**40,010**	(s)	**0**	**17,193**
Natural Gas Plant Liquids and LRGs	**1,008**	**1,343**	**405**	**-617**	**0**	**0**	**2,588**	**192**	**35**	**4,499**	**4,376**
Liquefied Petroleum Gases	480	1,343	312	-636	0	0	2,588	173	35	3,879	4,354
Ethane	399	0	0	0	0	0	0	0	(s)	399	0
Other Products [3]	129	0	92	19	0	0	0	19	0	221	22
Other Liquids	**206**	**0**	**2,652**	**-1,141**	**0**	**0**	**279**	**2,865**	**0**	**-869**	**22,822**
Other Hydrocarbons and Alcohol	206	0	0	-4	0	0	0	202	0	0	23
Unfinished Oils	0	0	2,269	-1,514	0	0	279	2,002	0	-968	17,851
Motor Gasoline Blending Components	0	0	383	377	0	0	0	661	0	99	4,948
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**34**	**43,715**	**25,222**	**-9,167**	**0**	**0**	**75,329**	**0**	**732**	**134,402**	**166,962**
Finished Motor Gasoline	34	20,308	4,547	1,936	0	0	45,277	0	164	71,938	58,215
Finished Leaded Motor Gasoline	34	8,536	2,891	622	0	0	19,855	0	164	31,774	28,867
Finished Unleaded Motor Gasoline	0	11,772	1,656	1,315	0	0	25,422	0	0	40,165	29,341
Gasohol	0	0	0	-1	0	0	0	0	0	-1	7
Finished Aviation Gasoline	0	11	(s)	1	0	0	185	0	0	197	426
Naphtha-Type Jet Fuel	0	594	250	192	0	0	542	0	0	1,578	530
Kerosene-Type Jet Fuel	0	1,412	0	750	0	0	6,457	0	0	8,619	7,982
Kerosene	0	22	148	-124	0	0	257	0	1	302	3,845
Distillate Fuel Oil	0	9,010	3,438	-13,186	0	0	17,657	0	105	16,814	57,395
Residual Fuel Oil	0	3,939	15,690	1,079	0	0	3,328	0	1	24,035	27,078
Naphtha and Other Oils for Petro. Feed. Use	0	656	693	17	0	0	-5	0	39	1,322	248
Special Naphthas	0	24	20	163	0	0	318	0	4	521	911
Lubricants	0	550	233	-4	0	0	413	0	125	1,068	3,542
Waxes	0	95	7	8	0	0	0	0	4	106	156
Petroleum Coke	0	1,335	0	-142	0	0	0	0	270	923	930
Asphalt	0	3,157	195	259	0	0	644	0	3	4,252	5,082
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,941	0	0	0	0	0	0	0	1,941	0
Miscellaneous Products	0	661	1	-116	0	0	256	0	16	787	622
Total	**4,136**	**45,058**	**60,871**	**-9,528**	**548**	**0**	**80,781**	**43,067**	**767**	**138,032**	**211,354**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, August 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil [1]	Crude Used Directly and Losses [2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,797**	**0**	**31,535**	**-1,487**	**-505**	**-5**	**3,328**	**35,663**	**0**	**0**	**18,680**
Natural Gas Plant Liquids and LRGs	**929**	**1,459**	**295**	**-547**	**0**	**0**	**2,793**	**212**	**49**	**4,667**	**4,924**
Liquefied Petroleum Gases	449	1,459	294	-547	0	0	2,793	200	49	4,200	4,902
Ethane	370	0	0	0	0	0	0	0	(s)	370	0
Other Products [3]	109	0	1	(s)	0	0	0	12	0	97	22
Other Liquids	**163**	**0**	**3,169**	**517**	**0**	**0**	**1,312**	**3,313**	**0**	**1,848**	**22,305**
Other Hydrocarbons and Alcohol	163	0	0	3	0	0	0	166	0	0	20
Unfinished Oils	0	0	2,129	130	0	0	1,312	2,657	0	914	17,721
Motor Gasoline Blending Components	0	0	1,040	384	0	0	0	490	0	934	4,564
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**19**	**39,517**	**23,727**	**-2,339**	**0**	**0**	**70,733**	**0**	**671**	**130,986**	**169,301**
Finished Motor Gasoline	19	17,897	6,784	271	0	0	40,961	0	151	65,781	57,944
Finished Leaded Motor Gasoline	19	6,825	4,904	746	0	0	15,864	0	151	28,207	28,121
Finished Unleaded Motor Gasoline	0	11,072	1,880	-475	0	0	25,097	0	0	37,574	29,816
Gasohol	0	0	0	0	0	0	0	0	0	0	7
Finished Aviation Gasoline	0	2	0	29	0	0	496	0	0	527	397
Naphtha-Type Jet Fuel	0	681	215	74	0	0	253	0	0	1,223	456
Kerosene-Type Jet Fuel	0	1,255	338	-1,170	0	0	8,388	0	0	8,811	9,152
Kerosene	0	122	0	-76	0	0	446	0	1	491	3,921
Distillate Fuel Oil	0	8,161	2,232	-6,464	0	0	15,417	0	53	19,292	63,859
Residual Fuel Oil	0	3,632	13,130	3,987	0	0	3,572	0	(s)	24,321	23,091
Naphtha and Other Oils for Petro. Feed. Use	0	446	622	-33	0	0	87	0	219	903	281
Special Naphthas	0	31	34	74	0	0	285	0	2	422	837
Lubricants	0	644	151	153	0	0	415	0	90	1,273	3,389
Waxes	0	109	11	1	0	0	0	0	5	116	155
Petroleum Coke	0	1,330	0	-29	0	0	0	0	121	1,180	959
Asphalt	0	3,099	209	720	0	0	318	0	13	4,333	4,362
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,748	0	0	0	0	0	0	0	1,748	0
Miscellaneous Products	0	360	(s)	124	0	0	95	0	16	563	498
Total	**3,907**	**40,976**	**58,726**	**-3,856**	**-505**	**-5**	**78,166**	**39,188**	**720**	**137,501**	**215,210**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, September 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,721**	**0**	**29,122**	**1,131**	**-135**	**-1**	**2,298**	**35,136**	**0**	**0**	**17,549**
Natural Gas Plant Liquids and LRGs	**893**	**1,401**	**454**	**-203**	**0**	**0**	**2,387**	**268**	**54**	**4,610**	**5,127**
Liquefied Petroleum Gases	431	1,401	377	-202	0	0	2,387	256	53	4,084	5,104
Ethane	337	0	0	0	0	0	0	0	(s)	337	0
Other Products 3	125	0	77	-1	0	0	0	12	0	189	23
Other Liquids	**161**	**0**	**2,784**	**382**	**0**	**0**	**505**	**3,357**	**0**	**475**	**21,923**
Other Hydrocarbons and Alcohol	161	0	0	6	0	0	0	167	0	0	14
Unfinished Oils	0	0	1,420	655	0	0	505	3,223	0	-643	17,066
Motor Gasoline Blending Components	0	0	1,364	-279	0	0	0	-33	0	1,118	4,843
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**26**	**39,026**	**32,910**	**-10,558**	**0**	**0**	**72,847**	**0**	**490**	**133,761**	**179,859**
Finished Motor Gasoline	26	17,548	5,408	-680	0	0	42,258	0	1	64,559	58,624
Finished Leaded Motor Gasoline	26	6,345	3,224	621	0	0	17,500	0	1	27,715	27,500
Finished Unleaded Motor Gasoline	0	11,203	2,184	-1,298	0	0	24,758	0	0	36,847	31,114
Gasohol	0	0	0	-3	0	0	0	0	0	-3	10
Finished Aviation Gasoline	0	17	(s)	2	0	0	228	0	0	247	395
Naphtha-Type Jet Fuel	0	365	474	-47	0	0	530	0	0	1,322	503
Kerosene-Type Jet Fuel	0	1,032	430	115	0	0	8,505	0	0	10,082	9,037
Kerosene	0	266	242	-373	0	0	377	0	(s)	512	4,294
Distillate Fuel Oil	0	8,838	1,678	-4,091	0	0	16,568	0	2	22,992	67,950
Residual Fuel Oil	0	3,412	23,866	-5,894	0	0	2,623	0	0	24,007	28,985
Naphtha and Other Oils for Petro. Feed. Use	0	416	185	90	0	0	93	0	99	685	191
Special Naphthas	0	37	239	-96	0	0	254	0	5	429	933
Lubricants	0	638	246	47	0	0	617	0	190	1,358	3,342
Waxes	0	100	5	-5	0	0	0	0	4	96	160
Petroleum Coke	0	1,189	0	-314	0	0	0	0	170	705	1,273
Asphalt	0	2,963	136	645	0	0	335	0	7	4,072	3,717
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,748	0	0	0	0	0	0	0	1,748	0
Miscellaneous Products	0	457	1	43	0	0	459	0	12	947	455
Total	**3,801**	**40,427**	**65,270**	**-9,248**	**-135**	**-1**	**78,037**	**38,761**	**544**	**138,846**	**224,458**

1 Unaccounted for crude oil is a balancing item.

2 Total equals refinery fuel use and loss.

3 Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,779**	**0**	**28,582**	**-306**	**-297**	**-5**	**3,676**	**34,429**	**0**	**0**	**17,855**
Natural Gas Plant Liquids and LRGs	**926**	**1,177**	**320**	**-299**	**0**	**0**	**2,521**	**192**	**55**	**4,398**	**5,426**
Liquefied Petroleum Gases	460	1,177	319	-294	0	0	2,521	171	55	3,957	5,398
Ethane	321	0	0	0	0	0	0	0	(s)	321	0
Other Products 3	144	0	1	-4	0	0	0	21	0	120	28
Other Liquids	**195**	**0**	**2,549**	**2,322**	**0**	**0**	**1,254**	**5,852**	**0**	**468**	**19,601**
Other Hydrocarbons and Alcohol	195	0	0	-5	0	0	0	190	0	0	19
Unfinished Oils	0	0	2,047	2,049	0	0	1,254	4,940	0	410	15,017
Motor Gasoline Blending Components	0	0	502	282	0	0	0	726	0	58	4,561
Aviation Gasoline Blending Components	0	0	0	-4	0	0	0	-4	0	0	4
Finished Petroleum Products	**45**	**40,927**	**28,268**	**-11,638**	**0**	**0**	**78,435**	**0**	**817**	**135,220**	**191,497**
Finished Motor Gasoline	45	18,614	4,349	-341	0	0	44,106	0	2	66,771	58,965
Finished Leaded Motor Gasoline	45	7,400	2,941	-77	0	0	18,782	0	2	29,089	27,577
Finished Unleaded Motor Gasoline	0	11,214	1,408	-272	0	0	25,324	0	0	37,674	31,386
Gasohol	0	0	0	8	0	0	0	0	0	8	2
Finished Aviation Gasoline	0	6	1	69	0	0	161	0	0	237	326
Naphtha-Type Jet Fuel	0	427	91	-24	0	0	359	0	(s)	853	527
Kerosene-Type Jet Fuel	0	773	534	-497	0	0	7,794	0	0	8,604	9,534
Kerosene	0	476	751	-159	0	0	694	0	(s)	1,761	4,453
Distillate Fuel Oil	0	9,805	2,118	-7,778	0	0	20,254	0	1	24,398	75,728
Residual Fuel Oil	0	3,075	19,215	-3,789	0	0	3,087	0	(s)	21,588	32,774
Naphtha and Other Oils for Petro. Feed. Use	0	464	281	89	0	0	10	0	59	786	102
Special Naphthas	0	-10	405	-117	0	0	286	0	3	561	1,050
Lubricants	0	709	177	245	0	0	804	0	226	1,709	3,097
Waxes	0	103	6	-17	0	0	19	0	7	104	177
Petroleum Coke	0	1,038	0	347	0	0	0	0	500	885	926
Asphalt	0	3,252	132	290	0	0	343	0	8	4,009	3,427
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,775	0	0	0	0	0	0	0	1,775	0
Miscellaneous Products	0	420	210	44	0	0	518	0	12	1,180	411
Total	**3,944**	**42,104**	**59,719**	**-9,921**	**-297**	**-5**	**85,886**	**40,473**	**872**	**140,086**	**234,379**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, November 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,582**	**0**	**32,039**	**-317**	**-928**	**0**	**2,059**	**35,435**	**0**	**0**	**18,172**
Natural Gas Plant Liquids and LRGs	**928**	**1,165**	**729**	**-17**	**0**	**0**	**2,681**	**220**	**40**	**5,225**	**5,443**
Liquefied Petroleum Gases	444	1,165	580	-8	0	0	2,681	205	40	4,617	5,406
Ethane	299	0	(s)	0	0	0	0	0	0	299	0
Other Products 3	185	0	149	-9	0	0	0	15	0	310	37
Other Liquids	**98**	**0**	**2,504**	**-239**	**0**	**0**	**963**	**2,263**	**0**	**1,063**	**19,840**
Other Hydrocarbons and Alcohol	98	0	0	4	0	0	0	102	0	0	15
Unfinished Oils	0	0	1,763	182	0	0	963	3,293	0	-385	14,835
Motor Gasoline Blending Components	0	0	741	-429	0	0	0	-1,136	0	1,448	4,990
Aviation Gasoline Blending Components	0	0	0	4	0	0	0	4	0	0	0
Finished Petroleum Products	**44**	**38,848**	**34,346**	**-21,410**	**0**	**0**	**84,969**	**0**	**191**	**136,605**	**212,907**
Finished Motor Gasoline	44	16,591	4,975	-2,201	0	0	45,148	0	(s)	64,555	61,166
Finished Leaded Motor Gasoline	44	7,120	2,740	-1,203	0	0	20,211	0	(s)	28,910	28,780
Finished Unleaded Motor Gasoline	0	9,471	2,235	-993	0	0	24,937	0	0	35,650	32,379
Gasohol	0	0	0	-5	0	0	0	0	0	-5	7
Finished Aviation Gasoline	0	12	(s)	-190	0	0	158	0	0	-20	516
Naphtha-Type Jet Fuel	0	452	0	99	0	0	543	0	(s)	1,094	428
Kerosene-Type Jet Fuel	0	579	861	-556	0	0	10,442	0	0	11,326	10,090
Kerosene	0	332	1,011	-1,311	0	0	1,223	0	(s)	1,254	5,764
Distillate Fuel Oil	0	10,248	3,753	-12,963	0	0	22,789	0	1	23,827	88,691
Residual Fuel Oil	0	4,050	22,523	-3,595	0	0	2,859	0	1	25,836	36,369
Naphtha and Other Oils for Petro. Feed. Use	0	359	87	-96	0	0	49	0	47	352	198
Special Naphthas	0	-112	286	210	0	0	203	0	5	583	840
Lubricants	0	622	717	-216	0	0	330	0	107	1,346	3,313
Waxes	0	96	6	2	0	0	13	0	5	112	175
Petroleum Coke	0	1,187	0	-248	0	0	0	0	3	936	1,174
Asphalt	0	2,321	125	-343	0	0	390	0	4	2,489	3,770
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,663	0	0	0	0	0	0	0	1,663	0
Miscellaneous Products	0	448	1	-2	0	0	822	0	17	1,251	413
Total	**3,651**	**40,013**	**69,618**	**-21,984**	**-928**	**0**	**90,672**	**37,918**	**231**	**142,893**	**256,362**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 4. PAD District I Supply and Disposition of Crude Oil and Petroleum Products, December 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil 1	Crude Used Directly and Losses 2	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**2,754**	**0**	**24,399**	**660**	**4,152**	**3**	**3,130**	**35,098**	**0**	**0**	**17,512**
Natural Gas Plant Liquids and LRGs	**1,031**	**1,383**	**558**	**191**	**0**	**0**	**2,554**	**310**	**53**	**5,354**	**5,252**
Liquefied Petroleum Gases	476	1,383	489	181	0	0	2,554	293	53	4,738	5,225
Ethane	319	0	0	0	0	0	0	0	0	319	0
Other Products 3	236	0	69	10	0	0	0	17	0	297	27
Other Liquids	**178**	**0**	**2,603**	**789**	**0**	**0**	**506**	**4,799**	**0**	**-723**	**19,051**
Other Hydrocarbons and Alcohol	178	0	0	-94	0	0	0	84	0	0	109
Unfinished Oils	0	0	2,291	1,179	0	0	506	4,722	0	-746	13,656
Motor Gasoline Blending Components	0	0	312	-291	0	0	0	-2	0	23	5,281
Aviation Gasoline Blending Components	0	0	0	-5	0	0	0	-5	0	0	5
Finished Petroleum Products	**33**	**41,396**	**29,176**	**10,890**	**0**	**0**	**77,626**	**0**	**1,437**	**157,683**	**202,017**
Finished Motor Gasoline	33	20,485	4,597	-1,049	0	0	43,015	0	1	67,080	62,215
Finished Leaded Motor Gasoline	24	8,013	3,291	-309	0	0	17,832	0	1	28,849	29,090
Finished Unleaded Motor Gasoline	9	12,472	1,307	-735	0	0	25,183	0	0	38,236	33,114
Gasohol	0	0	0	-5	0	0	0	0	0	-5	12
Finished Aviation Gasoline	0	0	(s)	88	0	0	151	0	0	239	428
Naphtha-Type Jet Fuel	0	456	0	-86	0	0	510	0	0	880	514
Kerosene-Type Jet Fuel	0	689	225	1,033	0	0	8,086	0	293	9,740	9,057
Kerosene	0	359	476	557	0	0	1,162	0	(s)	2,554	5,207
Distillate Fuel Oil	0	9,004	3,264	8,103	0	0	19,976	0	779	39,568	80,588
Residual Fuel Oil	0	4,784	20,299	1,635	0	0	2,877	0	(s)	29,594	34,734
Naphtha and Other Oils for Petro. Feed. Use	0	419	2	91	0	0	89	0	42	559	107
Special Naphthas	0	23	61	-53	0	0	263	0	3	292	893
Lubricants	0	457	188	34	0	0	552	0	68	1,163	3,279
Waxes	0	107	5	-19	0	0	7	0	5	95	194
Petroleum Coke	0	1,180	0	373	0	0	0	0	80	1,473	801
Asphalt	0	1,193	58	151	0	0	192	0	154	1,440	3,619
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	1,777	0	0	0	0	0	0	0	1,777	0
Miscellaneous Products	0	463	(s)	32	0	0	746	0	12	1,229	381
Total	**3,996**	**42,779**	**56,735**	**12,530**	**4,152**	**3**	**83,816**	**40,207**	**1,490**	**162,314**	**243,833**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**29,383**	**0**	**16,916**	**1,140**	**38,427**	**-7**	**1,100**	**85,612**	**1,348**	**0**	**83,308**
Natural Gas Plant Liquids and LRGs	**10,064**	**1,888**	**6,381**	**4,920**	**0**	**0**	**6,909**	**5,897**	**960**	**23,305**	**36,108**
Liquefied Petroleum Gases	7,965	1,873	4,557	5,828	0	0	5,735	4,458	960	20,540	30,243
Ethane	1,809	15	1,823	77	0	0	0	0	0	3,724	1,579
Other Products[3]	291	0	0	-985	0	0	1,174	1,439	0	-959	4,285
Other Liquids	**104**	**0**	**659**	**-2,185**	**0**	**0**	**1,156**	**2,051**	**0**	**-2,317**	**34,710**
Other Hydrocarbons and Alcohol	104	0	0	14	0	0	0	118	0	0	102
Unfinished Oils	0	0	320	-1,692	0	0	193	147	0	-1,326	22,881
Motor Gasoline Blending Components	0	0	340	-526	0	0	963	1,769	0	-992	11,586
Aviation Gasoline Blending Components	0	0	0	19	0	0	0	17	0	2	141
Finished Petroleum Products	**16**	**95,097**	**217**	**-972**	**0**	**0**	**12,173**	**0**	**122**	**106,409**	**144,496**
Finished Motor Gasoline	0	53,968	2	-4,590	0	0	8,456	0	0	57,836	66,131
Finished Leaded Motor Gasoline	0	25,744	0	-551	0	0	4,513	0	0	29,706	36,626
Finished Unleaded Motor Gasoline	0	28,206	2	-4,044	0	0	3,943	0	0	28,107	29,479
Gasohol	0	18	0	5	0	0	0	0	0	23	26
Finished Aviation Gasoline	0	154	0	-70	0	0	53	0	0	137	696
Naphtha-Type Jet Fuel	0	790	0	45	0	0	86	0	0	921	1,177
Kerosene-Type Jet Fuel	0	3,302	0	1,034	0	0	1,177	0	0	5,513	6,838
Kerosene	0	1,004	0	322	0	0	284	0	(s)	1,610	2,014
Distillate Fuel Oil	1	20,224	0	3,281	0	0	2,755	0	(s)	26,261	46,732
Residual Fuel Oil	0	4,378	146	526	0	0	-1,245	0	0	3,805	7,770
Naphtha and Other Oils for Petro. Feed. Use	0	1,606	0	-144	0	0	61	0	9	1,514	487
Special Naphthas	0	281	56	-58	0	0	168	0	5	442	937
Lubricants	0	779	2	34	0	0	202	0	10	1,007	2,143
Waxes	0	24	5	8	0	0	0	0	1	36	69
Petroleum Coke	0	3,105	0	133	0	0	0	0	94	3,144	787
Asphalt	0	1,868	0	-1,502	0	0	100	0	1	465	8,253
Road Oil	0	-5	0	6	0	0	0	0	0	1	12
Still Gas	0	3,473	0	0	0	0	0	0	0	3,473	0
Miscellaneous Products	15	146	6	3	0	0	76	0	1	245	450
Total	**39,567**	**96,985**	**24,173**	**2,904**	**38,427**	**-7**	**21,338**	**93,560**	**2,430**	**127,397**	**298,622**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	29,602	0	16,019	1,772	29,175	-7	982	76,429	1,114	0	81,536
Natural Gas Plant Liquids and LRGs	8,412	1,926	5,497	1,343	0	0	5,390	5,205	404	16,958	34,765
Liquefied Petroleum Gases	6,662	1,904	3,456	1,076	0	0	4,603	3,845	404	13,451	29,167
Ethane	1,698	22	2,042	–48	0	0	0	2	0	3,712	1,627
Other Products[3]	52	0	0	315	0	0	787	1,358	0	–204	3,970
Other Liquids	165	0	594	1,574	0	0	838	3,580	0	–409	33,136
Other Hydrocarbons and Alcohol	165	0	0	26	0	0	0	191	0	0	76
Unfinished Oils	0	0	203	1,546	0	0	120	1,769	0	100	21,335
Motor Gasoline Blending Components	0	0	391	–41	0	0	718	1,577	0	–509	11,627
Aviation Gasoline Blending Components	0	0	0	43	0	0	0	43	0	0	98
Finished Petroleum Products	17	87,537	797	2,110	0	0	8,427	0	73	98,815	142,387
Finished Motor Gasoline	0	49,491	(s)	–673	0	0	6,244	0	0	55,062	66,804
Finished Leaded Motor Gasoline	0	24,612	0	664	0	0	2,981	0	0	28,257	35,962
Finished Unleaded Motor Gasoline	0	24,841	(s)	-1,320	0	0	3,263	0	0	26,784	30,799
Gasohol	0	38	0	-17	0	0	0	0	0	21	43
Finished Aviation Gasoline	0	112	0	26	0	0	80	0	0	218	670
Naphtha-Type Jet Fuel	0	884	0	32	0	0	31	0	0	947	1,145
Kerosene-Type Jet Fuel	0	3,401	0	153	0	0	929	0	0	4,483	6,685
Kerosene	0	981	0	–95	0	0	289	0	0	1,175	2,109
Distillate Fuel Oil	1	17,980	0	3,601	0	0	1,605	0	0	23,187	43,131
Residual Fuel Oil	0	3,475	754	477	0	0	-1,005	0	0	3,701	7,293
Naphtha and Other Oils for Petro. Feed. Use	0	1,520	0	10	0	0	126	0	3	1,653	477
Special Naphthas	0	139	32	170	0	0	68	0	(s)	408	767
Lubricants	0	818	2	-27	0	0	114	0	10	898	2,170
Waxes	0	39	5	-5	0	0	0	0	.1	37	74
Petroleum Coke	0	3,211	0	-222	0	0	0	0	57	2,932	1,009
Asphalt	0	1,906	0	-1,351	0	0	57	0	1	611	9,604
Road Oil	0	1	0	1	0	0	0	0	0	2	11
Still Gas	0	3,426	0	0	0	0	0	0	0	3,426	0
Miscellaneous Products	15	153	4	13	0	0	-111	0	1	74	438
Total	38,195	89,463	22,909	6,798	29,175	-7	15,637	85,214	1,591	115,364	291,823

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, March 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,623**	**0**	**13,979**	**-1,827**	**39,296**	**-9**	**1,000**	**82,099**	**1,963**	**0**	**83,363**
Natural Gas Plant Liquids and LRGs	**8,755**	**2,133**	**5,168**	**1,944**	**0**	**0**	**4,225**	**5,084**	**825**	**16,315**	**32,821**
Liquefied Petroleum Gases	6,975	2,107	3,356	2,031	0	0	3,325	3,443	825	13,525	27,137
Ethane	1,875	26	1,812	-248	0	0	0	0	0	3,464	1,876
Other Products[3]	-94	0	0	161	0	0	900	1,641	0	-674	3,809
Other Liquids	**228**	**0**	**482**	**327**	**0**	**0**	**742**	**2,036**	**0**	**-257**	**32,809**
Other Hydrocarbons and Alcohol	228	0	0	-16	0	0	0	212	0	0	92
Unfinished Oils	0	0	51	65	0	0	55	843	0	-672	21,270
Motor Gasoline Blending Components	0	0	431	375	0	0	687	1,078	0	415	11,252
Aviation Gasoline Blending Components	0	0	0	-97	0	0	0	-97	0	0	195
Finished Petroleum Products	**22**	**91,120**	**731**	**6,548**	**0**	**0**	**9,646**	**0**	**142**	**107,925**	**135,838**
Finished Motor Gasoline	0	51,544	2	4,009	0	0	7,285	0	25	62,815	62,795
Finished Leaded Motor Gasoline	0	26,509	0	2,039	0	0	3,885	0	25	32,408	33,923
Finished Unleaded Motor Gasoline	0	25,022	2	1,948	0	0	3,400	0	0	30,372	28,851
Gasohol	0	13	0	22	0	0	0	0	0	35	21
Finished Aviation Gasoline	0	115	0	18	0	0	123	0	0	256	652
Naphtha-Type Jet Fuel	0	1,042	0	-25	0	0	89	0	0	1,106	1,170
Kerosene-Type Jet Fuel	0	4,543	0	-884	0	0	935	0	0	4,594	7,569
Kerosene	0	482	0	14	0	0	172	0	(s)	668	2,095
Distillate Fuel Oil	1	17,988	0	3,582	0	0	1,368	0	(s)	22,939	39,549
Residual Fuel Oil	0	3,538	614	336	0	0	-760	0	0	3,728	6,957
Naphtha and Other Oils for Petro. Feed. Use	0	1,744	0	-126	0	0	13	0	49	1,582	603
Special Naphthas	0	296	89	97	0	0	286	0	1	767	670
Lubricants	0	819	12	149	0	0	113	0	16	1,077	2,021
Waxes	0	47	5	-4	0	0	0	0	(s)	47	78
Petroleum Coke	0	3,350	0	74	0	0	0	0	49	3,375	935
Asphalt	0	1,951	0	-956	0	0	79	0	(s)	1,074	10,560
Road Oil	0	4	0	-2	0	0	0	0	0	2	13
Still Gas	0	3,761	0	0	0	0	0	0	0	3,761	0
Miscellaneous Products	20	-104	9	267	0	0	-57	0	1	134	171
Total	**40,628**	**93,253**	**20,361**	**6,992**	**39,296**	**-9**	**15,613**	**89,219**	**2,931**	**123,983**	**284,832**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, April 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**28,328**	**0**	**10,265**	**1,730**	**39,357**	**-5**	**1,125**	**80,042**	**757**	**0**	**81,633**
Natural Gas Plant Liquids and LRGs	**8,299**	**1,831**	**3,530**	**295**	**0**	**0**	**4,103**	**4,382**	**765**	**12,912**	**32,527**
Liquefied Petroleum Gases	7,059	1,809	2,323	3	0	0	3,053	2,927	765	10,556	27,134
Ethane	1,568	22	1,207	-10	0	0	0	0	0	2,788	1,886
Other Products[3]	-328	0	0	301	0	0	1,050	1,455	0	-432	3,508
Other Liquids	**196**	**0**	**389**	**355**	**0**	**0**	**908**	**2,051**	**0**	**-203**	**32,454**
Other Hydrocarbons and Alcohol	196	0	0	-23	0	0	0	173	0	0	115
Unfinished Oils	0	0	345	-1,184	0	0	55	-887	0	103	22,454
Motor Gasoline Blending Components	0	0	44	1,548	0	0	853	2,751	0	-306	9,704
Aviation Gasoline Blending Components	0	0	0	14	0	0	0	14	0	0	181
Finished Petroleum Products	**17**	**88,442**	**356**	**17,736**	**0**	**1**	**10,048**	**0**	**619**	**115,981**	**118,102**
Finished Motor Gasoline	0	49,714	2	9,776	0	0	6,593	0	1	66,084	53,019
Finished Leaded Motor Gasoline	0	25,677	0	6,306	0	0	3,434	0	1	35,416	27,617
Finished Unleaded Motor Gasoline	0	23,995	2	3,478	0	0	3,159	0	0	30,634	25,373
Gasohol	0	42	0	-8	0	0	0	0	0	34	29
Finished Aviation Gasoline	0	58	0	96	0	0	53	0	0	207	556
Naphtha-Type Jet Fuel	0	988	0	-38	0	0	1	0	0	951	1,208
Kerosene-Type Jet Fuel	0	3,862	0	-549	0	0	1,308	0	0	4,621	8,118
Kerosene	0	592	0	-390	0	0	91	0	0	293	2,485
Distillate Fuel Oil	1	17,635	1	8,739	0	1	2,668	0	0	29,045	30,810
Residual Fuel Oil	0	3,313	250	767	0	0	-783	0	0	3,547	6,190
Naphtha and Other Oils for Petro. Feed. Use	0	1,683	0	247	0	0	97	0	33	1,994	356
Special Naphthas	0	284	77	28	0	0	154	0	1	542	642
Lubricants	0	887	10	9	0	0	290	0	10	1,186	2,012
Waxes	0	35	4	3	0	0	0	0	1	42	75
Petroleum Coke	0	3,062	0	-79	0	0	0	0	572	2,411	1,014
Asphalt	0	2,493	5	-850	0	0	-273	0	1	1,374	11,410
Road Oil	0	14	0	-9	0	0	0	0	0	5	22
Still Gas	0	3,683	0	0	0	0	0	0	0	3,683	0
Miscellaneous Products	15	139	6	-13	0	0	-151	0	1	-5	184
Total	**36,840**	**90,273**	**14,541**	**20,116**	**39,357**	**-4**	**16,184**	**86,475**	**2,141**	**128,690**	**264,716**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, May 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,887**	**0**	**15,065**	**3,087**	**35,097**	**-9**	**1,094**	**85,417**	**804**	**0**	**78,546**
Natural Gas Plant Liquids and LRGs	**8,719**	**2,094**	**3,942**	**-1,362**	**0**	**0**	**3,191**	**4,098**	**4**	**12,482**	**33,889**
Liquefied Petroleum Gases	6,891	2,073	2,482	-948	0	0	2,218	2,599	4	10,113	28,081
Ethane	1,491	21	1,460	64	0	0	0	0	0	3,037	1,821
Other Products[3]	336	0	0	-479	0	0	973	1,499	0	-668	3,986
Other Liquids	**139**	**0**	**393**	**1,040**	**0**	**0**	**1,123**	**2,271**	**0**	**424**	**31,414**
Other Hydrocarbons and Alcohol	139	0	0	15	0	0	0	154	0	0	100
Unfinished Oils	0	0	212	-110	0	0	267	989	0	-620	22,564
Motor Gasoline Blending Components	0	0	181	1,136	0	0	856	1,129	0	1,044	8,568
Aviation Gasoline Blending Components	0	0	0	-1	0	0	0	-1	0	0	182
Finished Petroleum Products	**16**	**94,098**	**299**	**5,067**	**0**	**1**	**14,588**	**0**	**494**	**113,574**	**113,035**
Finished Motor Gasoline	0	52,245	2	5,506	0	0	8,308	0	1	66,060	47,513
Finished Leaded Motor Gasoline	0	28,296	0	2,514	0	0	4,878	0	1	35,687	25,103
Finished Unleaded Motor Gasoline	0	23,927	2	2,985	0	0	3,430	0	0	30,344	22,388
Gasohol	0	22	0	7	0	0	0	0	0	29	22
Finished Aviation Gasoline	0	76	0	21	0	0	169	0	0	266	535
Naphtha-Type Jet Fuel	0	1,095	0	-135	0	0	106	0	0	1,066	1,343
Kerosene-Type Jet Fuel	0	2,937	0	1	0	0	1,598	0	0	4,536	8,117
Kerosene	0	418	0	37	0	0	77	0	0	532	2,448
Distillate Fuel Oil	1	20,536	(s)	3	0	1	4,437	0	2	24,976	30,808
Residual Fuel Oil	0	3,603	171	226	0	0	-631	0	0	3,369	5,964
Naphtha and Other Oils for Petro. Feed. Use	0	1,592	0	-16	0	0	28	0	47	1,557	372
Special Naphthas	0	248	77	52	0	0	122	0	4	495	590
Lubricants	0	972	29	-142	0	0	233	0	12	1,080	2,154
Waxes	0	64	4	-27	0	0	0	0	(s)	41	102
Petroleum Coke	0	2,991	0	83	0	0	0	0	381	2,693	931
Asphalt	0	3,312	5	-499	0	0	94	0	45	2,867	11,909
Road Oil	0	47	0	-39	0	0	0	0	0	8	61
Still Gas	0	3,783	0	0	0	0	0	0	0	3,783	0
Miscellaneous Products	14	179	10	-4	0	0	47	0	1	245	189
Total	**40,760**	**96,192**	**19,700**	**7,831**	**35,097**	**-8**	**19,996**	**91,786**	**1,302**	**126,480**	**256,884**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,563**	**0**	**20,089**	**3,871**	**33,113**	**-24**	**1,481**	**90,031**	**61**	**0**	**74,675**
Natural Gas Plant Liquids and LRGs	**8,635**	**2,241**	**3,753**	**-1,394**	**0**	**0**	**3,046**	**4,486**	**1,799**	**9,995**	**35,283**
Liquefied Petroleum Gases	6,050	2,223	2,167	-1,231	0	0	2,098	2,707	1,799	6,800	29,312
Ethane	1,552	18	1,586	-226	0	0	0	0	0	2,930	2,047
Other Products[3]	1,033	0	0	62	0	0	948	1,779	0	265	3,924
Other Liquids	**229**	**0**	**387**	**300**	**0**	**0**	**973**	**2,291**	**0**	**-402**	**31,114**
Other Hydrocarbons and Alcohol	229	0	0	-12	0	0	0	217	0	0	112
Unfinished Oils	0	0	86	1	0	0	388	996	0	-521	22,563
Motor Gasoline Blending Components	0	0	301	235	0	0	585	1,002	0	119	8,333
Aviation Gasoline Blending Components	0	0	0	76	0	0	0	76	0	0	106
Finished Petroleum Products	**13**	**97,591**	**1,106**	**-1,562**	**0**	**1**	**15,974**	**0**	**457**	**112,666**	**114,597**
Finished Motor Gasoline	0	55,546	421	-527	0	0	10,220	0	1	65,659	48,040
Finished Leaded Motor Gasoline	0	28,628	419	-516	0	0	5,503	0	1	34,034	25,619
Finished Unleaded Motor Gasoline	0	26,899	2	-12	0	0	4,717	0	0	31,606	22,400
Gasohol	0	19	0	1	0	0	0	0	0	20	21
Finished Aviation Gasoline	0	151	0	-31	0	0	155	0	0	275	566
Naphtha-Type Jet Fuel	0	907	0	127	0	0	96	0	0	1,130	1,216
Kerosene-Type Jet Fuel	0	3,315	0	-30	0	0	798	0	0	4,083	8,147
Kerosene	0	357	0	-43	0	0	177	0	0	491	2,491
Distillate Fuel Oil	1	20,069	238	-2,859	0	1	5,332	0	2	22,780	33,667
Residual Fuel Oil	0	3,330	298	364	0	0	-1,099	0	0	2,893	5,600
Naphtha and Other Oils for Petro. Feed. Use	0	1,624	0	44	0	0	-4	0	30	1,634	328
Special Naphthas	0	439	88	-2	0	0	107	0	1	631	592
Lubricants	0	972	35	-12	0	0	72	0	13	1,054	2,166
Waxes	0	57	3	-13	0	0	0	0	(s)	46	115
Petroleum Coke	0	3,069	0	9	0	0	0	0	391	2,687	922
Asphalt	0	3,569	17	1,358	0	0	152	0	18	5,077	10,551
Road Oil	0	10	0	4	0	0	0	0	0	14	57
Still Gas	0	4,010	0	0	0	0	0	0	0	4,010	0
Miscellaneous Products	12	166	6	49	0	0	-32	0	1	200	140
Total	**40,441**	**99,832**	**25,334**	**1,214**	**33,113**	**-23**	**21,474**	**96,808**	**2,318**	**122,259**	**255,670**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,593**	**0**	**23,009**	**834**	**37,594**	**-23**	**1,840**	**93,898**	**949**	**0**	**73,841**
Natural Gas Plant Liquids and LRGs	**8,391**	**2,410**	**5,310**	**1,074**	**0**	**0**	**2,939**	**4,955**	**7**	**15,162**	**34,209**
Liquefied Petroleum Gases	6,123	2,391	3,589	35	0	0	1,756	2,799	7	11,088	29,277
Ethane	1,601	19	1,721	367	0	0	0	0	0	3,709	1,680
Other Products[3]	666	0	0	672	0	0	1,183	2,156	0	365	3,252
Other Liquids	**409**	**0**	**594**	**-545**	**0**	**0**	**927**	**2,235**	**0**	**-850**	**31,659**
Other Hydrocarbons and Alcohol	409	0	0	7	0	0	0	416	0	0	105
Unfinished Oils	0	0	186	385	0	0	269	1,788	0	-948	22,178
Motor Gasoline Blending Components	0	0	408	-943	0	0	658	25	0	98	9,276
Aviation Gasoline Blending Components	0	0	0	6	0	0	0	6	0	0	100
Finished Petroleum Products	**14**	**102,442**	**667**	**-12,173**	**0**	**0**	**21,606**	**0**	**554**	**112,003**	**126,770**
Finished Motor Gasoline	0	56,941	62	-5,469	0	0	14,248	0	(s)	65,781	53,509
Finished Leaded Motor Gasoline	0	28,771	59	-3,441	0	0	7,356	0	(s)	32,745	29,060
Finished Unleaded Motor Gasoline	0	28,143	2	-2,024	0	0	6,892	0	0	33,013	24,424
Gasohol	0	27	0	-4	0	0	0	0	0	23	25
Finished Aviation Gasoline	0	181	0	-25	0	0	174	0	0	330	591
Naphtha-Type Jet Fuel	0	980	0	42	0	0	72	0	0	1,094	1,174
Kerosene-Type Jet Fuel	0	3,591	0	407	0	0	758	0	0	4,756	7,740
Kerosene	0	386	0	-6	0	0	216	0	0	596	2,497
Distillate Fuel Oil	1	22,072	102	-8,908	0	0	6,012	0	0	19,279	42,575
Residual Fuel Oil	0	3,399	303	-77	0	0	-710	0	0	2,915	5,677
Naphtha and Other Oils for Petro. Feed. Use	0	1,887	0	0	0	0	53	0	62	1,878	328
Special Naphthas	0	473	127	-11	0	0	149	0	1	737	603
Lubricants	0	824	49	48	0	0	292	0	13	1,200	2,118
Waxes	0	10	3	27	0	0	0	0	(s)	39	88
Petroleum Coke	0	3,355	0	-178	0	0	0	0	431	2,746	1,100
Asphalt	0	3,950	19	2,022	0	0	277	0	45	6,223	8,529
Road Oil	0	26	0	11	0	0	0	0	0	37	46
Still Gas	0	4,162	0	0	0	0	0	0	0	4,162	0
Miscellaneous Products	14	205	2	-56	0	0	65	0	1	228	195
Total	**40,407**	**104,852**	**29,580**	**-10,809**	**37,594**	**-23**	**27,312**	**101,088**	**1,509**	**126,315**	**266,479**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, August 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,647**	**0**	**22,795**	**–1,174**	**34,654**	**–5**	**1,197**	**87,962**	**1,151**	**0**	**75,015**
Natural Gas Plant Liquids and LRGs	**8,798**	**2,264**	**2,403**	**–70**	**0**	**0**	**2,903**	**4,636**	**781**	**10,881**	**34,279**
Liquefied Petroleum Gases	6,613	2,227	1,629	–312	0	0	1,857	2,660	781	8,573	29,589
Ethane	2,010	37	774	67	0	0	0	0	(s)	2,888	1,613
Other Products[3]	175	0	0	175	0	0	1,046	1,976	0	–579	3,077
Other Liquids	**127**	**0**	**482**	**1,061**	**0**	**0**	**788**	**3,037**	**0**	**–579**	**30,598**
Other Hydrocarbons and Alcohol	127	0	0	6	0	0	0	133	0	0	99
Unfinished Oils	0	0	137	454	0	0	39	1,323	0	–693	21,724
Motor Gasoline Blending Components	0	0	345	607	0	0	749	1,587	0	114	8,669
Aviation Gasoline Blending Components	0	0	0	–6	0	0	0	–6	0	0	106
Finished Petroleum Products	**11**	**96,373**	**655**	**–4,628**	**0**	**0**	**19,987**	**0**	**258**	**112,141**	**131,398**
Finished Motor Gasoline	0	55,275	163	–3,588	0	0	13,371	0	0	65,221	57,097
Finished Leaded Motor Gasoline	0	27,657	85	–1,785	0	0	7,866	0	0	33,823	30,845
Finished Unleaded Motor Gasoline	0	27,588	78	–1,800	0	0	5,505	0	0	31,371	26,224
Gasohol	0	30	0	–3	0	0	0	0	0	27	28
Finished Aviation Gasoline	0	125	0	59	0	0	205	0	0	389	532
Naphtha-Type Jet Fuel	0	854	0	–31	0	0	141	0	0	964	1,205
Kerosene-Type Jet Fuel	0	3,846	0	–442	0	0	1,246	0	0	4,650	8,182
Kerosene	0	282	0	–370	0	0	242	0	(s)	154	2,867
Distillate Fuel Oil	1	20,105	50	–2,974	0	0	4,304	0	0	21,486	45,549
Residual Fuel Oil	0	2,394	211	437	0	0	–217	0	0	2,825	5,240
Naphtha and Other Oils for Petro. Feed. Use	0	1,662	0	81	0	0	87	0	48	1,782	247
Special Naphthas	0	284	139	51	0	0	55	0	5	524	552
Lubricants	0	794	65	66	0	0	175	0	19	1,081	2,052
Waxes	0	38	3	1	0	0	0	0	1	42	87
Petroleum Coke	0	2,974	0	–331	0	0	0	0	142	2,501	1,431
Asphalt	0	4,013	23	2,329	0	0	351	0	43	6,673	6,200
Road Oil	0	40	0	22	0	0	0	0	0	62	24
Still Gas	0	3,525	0	0	0	0	0	0	0	3,525	0
Miscellaneous Products	11	162	0	62	0	0	27	0	1	261	133
Total	**40,583**	**98,637**	**26,334**	**–4,811**	**34,654**	**–5**	**24,875**	**95,635**	**2,190**	**122,442**	**271,290**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, September 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,966**	**0**	**18,317**	**946**	**36,396**	**-9**	**1,295**	**87,723**	**1,188**	**0**	**74,069**
Natural Gas Plant Liquids and LRGs	**8,086**	**2,328**	**4,035**	**823**	**0**	**0**	**3,768**	**4,741**	**1,348**	**12,951**	**33,456**
Liquefied Petroleum Gases	6,021	2,285	3,140	175	0	0	2,610	2,928	1,348	9,955	29,414
Ethane	1,692	43	895	304	0	0	0	0	0	2,934	1,309
Other Products[3]	373	0	0	343	0	0	1,158	1,813	0	61	2,733
Other Liquids	**355**	**0**	**411**	**54**	**0**	**0**	**502**	**2,256**	**0**	**-934**	**30,544**
Other Hydrocarbons and Alcohol	355	0	0	-5	0	0	0	350	0	0	104
Unfinished Oils	0	0	285	1,153	0	0	-7	1,941	0	-510	20,571
Motor Gasoline Blending Components	0	0	125	-993	0	0	509	72	0	-431	9,662
Aviation Gasoline Blending Components	0	0	0	-101	0	0	0	-107	0	6	207
Finished Petroleum Products	**11**	**96,184**	**372**	**-2,101**	**0**	**0**	**18,856**	**0**	**470**	**112,852**	**133,499**
Finished Motor Gasoline	0	54,148	97	-2,529	0	0	12,116	0	0	63,832	59,626
Finished Leaded Motor Gasoline	0	26,558	94	536	0	0	6,321	0	0	33,509	30,309
Finished Unleaded Motor Gasoline	0	27,573	2	-3,075	0	0	5,795	0	0	30,295	29,299
Gasohol	0	17	0	10	0	0	0	0	0	27	18
Finished Aviation Gasoline	0	68	0	13	0	0	145	0	0	226	519
Naphtha-Type Jet Fuel	0	963	0	-65	0	0	-13	0	0	885	1,270
Kerosene-Type Jet Fuel	0	3,281	0	352	0	0	1,017	0	0	4,650	7,830
Kerosene	0	590	(s)	-10	0	0	191	0	0	771	2,877
Distillate Fuel Oil	1	20,706	0	-21	0	0	4,974	0	1	25,659	45,570
Residual Fuel Oil	0	2,706	121	-498	0	0	-343	0	0	1,986	5,738
Naphtha and Other Oils for Petro. Feed. Use	0	1,069	0	-22	0	0	55	0	68	1,034	269
Special Naphthas	0	427	73	-11	0	0	152	0	2	639	563
Lubricants	0	773	57	101	0	0	135	0	14	1,052	1,951
Waxes	0	36	6	8	0	0	0	0	(s)	49	79
Petroleum Coke	0	3,084	0	-238	0	0	0	0	344	2,502	1,669
Asphalt	0	4,213	18	853	0	0	335	0	42	5,377	5,347
Road Oil	0	42	0	-9	0	0	0	0	0	33	33
Still Gas	0	3,896	0	0	0	0	0	0	0	3,896	0
Miscellaneous Products	10	182	0	-24	0	0	92	0	(s)	259	158
Total	**40,418**	**98,512**	**23,135**	**-278**	**36,396**	**-9**	**24,421**	**94,720**	**3,007**	**124,869**	**271,568**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	32,063	0	16,477	-50	34,038	-12	1,252	81,263	2,505	0	74,119
Natural Gas Plant Liquids and LRGs	8,909	2,110	3,988	1,533	0	0	5,581	4,714	1,414	15,993	31,923
Liquefied Petroleum Gases	6,415	2,080	2,883	1,845	0	0	4,712	3,164	1,414	13,356	27,569
Ethane	2,030	30	1,105	-18	0	0	0	0	0	3,148	1,327
Other Products[3]	464	0	0	-294	0	0	869	1,550	0	-511	3,027
Other Liquids	328	0	655	1,430	0	0	774	3,984	0	-797	29,114
Other Hydrocarbons and Alcohol	328	0	0	54	0	0	0	382	0	0	50
Unfinished Oils	0	0	378	253	0	0	47	1,309	0	-631	20,318
Motor Gasoline Blending Components	0	0	277	1,058	0	0	727	2,228	0	-166	8,604
Aviation Gasoline Blending Components	0	0	0	65	0	0	0	65	0	0	142
Finished Petroleum Products	16	91,597	491	4,943	0	0	19,075	0	360	115,761	128,556
Finished Motor Gasoline	0	50,201	3	1,213	0	0	13,922	0	48	65,291	58,413
Finished Leaded Motor Gasoline	0	26,206	1	-13	0	0	7,227	0	48	33,373	30,322
Finished Unleaded Motor Gasoline	0	23,961	2	1,251	0	0	6,695	0	0	31,909	28,048
Gasohol	0	34	0	-25	0	0	0	0	0	9	43
Finished Aviation Gasoline	0	106	0	12	0	0	139	0	0	257	507
Naphtha-Type Jet Fuel	0	962	0	-28	0	0	98	0	0	1,032	1,298
Kerosene-Type Jet Fuel	0	3,774	0	758	0	0	891	0	0	5,423	7,072
Kerosene	0	460	0	-77	0	0	225	0	0	608	2,954
Distillate Fuel Oil	2	20,779	0	1,356	0	0	3,925	0	0	26,061	44,215
Residual Fuel Oil	0	2,142	224	663	0	0	-721	0	0	2,308	5,075
Naphtha and Other Oils for Petro. Feed. Use	0	1,544	106	-42	0	0	27	0	30	1,605	311
Special Naphthas	0	446	78	-60	0	0	89	0	1	551	623
Lubricants	0	808	64	103	0	0	176	0	17	1,134	1,848
Waxes	0	33	4	15	0	0	-9	0	(s)	43	64
Petroleum Coke	0	2,890	0	-129	0	0	0	0	263	2,498	1,798
Asphalt	0	3,986	14	1,112	0	0	275	0	1	5,386	4,235
Road Oil	0	-6	0	13	0	0	0	0	0	7	20
Still Gas	0	3,294	0	0	0	0	0	0	0	3,294	0
Miscellaneous Products	14	178	0	34	0	0	38	0	(s)	264	123
Total	41,316	93,707	21,611	7,855	34,038	-12	26,682	89,961	4,279	130,958	263,712

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, November 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Produc-tion	Refinery Produc-tion	Imports	Stock With-drawal (+) or Addi-tion (-)	Unac-counted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,388**	**0**	**19,011**	**-3,631**	**32,194**	**-9**	**1,574**	**79,320**	**1,207**	**0**	**77,750**
Natural Gas Plant Liquids and LRGs	**9,379**	**2,022**	**5,056**	**954**	**0**	**0**	**4,244**	**5,584**	**8**	**16,064**	**30,969**
Liquefied Petroleum Gases	7,437	2,005	3,801	2,713	0	0	3,009	4,022	8	14,935	24,856
Ethane	2,596	17	1,256	-433	0	0	0	0	0	3,436	1,760
Other Products[3]	-654	0	0	-1,326	0	0	1,235	1,562	0	-2,306	4,353
Other Liquids	**148**	**0**	**583**	**793**	**0**	**0**	**749**	**2,844**	**0**	**-571**	**28,321**
Other Hydrocarbons and Alcohol	148	0	0	-38	0	0	0	110	0	0	88
Unfinished Oils	0	0	250	327	0	0	0	686	0	-109	19,991
Motor Gasoline Blending Components	0	0	332	466	0	0	749	2,010	0	-463	8,138
Aviation Gasoline Blending Components	0	0	0	38	0	0	0	38	0	0	104
Finished Petroleum Products	**13**	**89,826**	**804**	**792**	**0**	**0**	**18,302**	**0**	**621**	**109,116**	**127,764**
Finished Motor Gasoline	0	48,883	2	2,530	0	0	12,472	0	51	63,836	55,883
Finished Leaded Motor Gasoline	0	25,405	0	601	0	0	6,403	0	51	32,358	29,721
Finished Unleaded Motor Gasoline	0	23,458	2	1,923	0	0	6,069	0	0	31,452	26,125
Gasohol	0	20	0	6	0	0	0	0	0	26	37
Finished Aviation Gasoline	0	100	0	-60	0	0	121	0	0	161	567
Naphtha-Type Jet Fuel	0	922	0	-30	0	0	189	0	0	1,081	1,328
Kerosene-Type Jet Fuel	0	3,654	0	-2	0	0	1,530	0	0	5,182	7,074
Kerosene	0	729	0	160	0	0	146	0	(s)	1,035	2,794
Distillate Fuel Oil	1	20,756	(s)	-1,042	0	0	3,649	0	(s)	23,364	45,257
Residual Fuel Oil	0	2,694	567	78	0	0	-460	0	0	2,879	4,997
Naphtha and Other Oils for Petro. Feed. Use	0	1,370	119	50	0	0	47	0	35	1,551	261
Special Naphthas	0	398	98	-39	0	0	106	0	1	562	662
Lubricants	0	764	6	-78	0	0	320	0	12	1,000	1,926
Waxes	0	42	3	-4	0	0	0	0	(s)	41	68
Petroleum Coke	0	3,014	0	-235	0	0	0	0	522	2,257	2,033
Asphalt	0	3,245	9	-538	0	0	107	0	1	2,823	4,773
Road Oil	0	3	0	0	0	0	0	0	0	3	20
Still Gas	0	3,115	0	0	0	0	0	0	0	3,115	0
Miscellaneous Products	12	137	0	2	0	0	75	0	(s)	225	122
Total	**40,928**	**91,848**	**25,454**	**-1,092**	**32,194**	**-9**	**24,869**	**87,748**	**1,836**	**124,608**	**264,805**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 5. PAD District II Supply and Disposition of Crude Oil and Petroleum Products, December 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**31,393**	**0**	**19,786**	**-700**	**32,431**	**-5**	**1,314**	**84,183**	**36**	**0**	**78,450**
Natural Gas Plant Liquids and LRGs	**9,804**	**2,495**	**6,273**	**265**	**0**	**0**	**5,711**	**6,233**	**360**	**17,955**	**30,704**
Liquefied Petroleum Gases	7,688	2,472	4,715	924	0	0	4,617	4,809	360	15,247	23,933
Ethane	2,774	23	1,558	-349	0	0	0	0	0	4,005	2,109
Other Products[3]	-658	0	0	-309	0	0	1,094	1,424	0	-1,297	4,662
Other Liquids	**176**	**0**	**388**	**1,248**	**0**	**0**	**987**	**4,414**	**0**	**-1,615**	**27,073**
Other Hydrocarbons and Alcohol	176	0	0	18	0	0	0	194	0	0	70
Unfinished Oils	0	0	253	2,214	0	0	73	2,661	0	-121	17,777
Motor Gasoline Blending Components	0	0	134	-939	0	0	914	1,604	0	-1,495	9,077
Aviation Gasoline Blending Components	0	0	0	-45	0	0	0	-45	0	0	149
Finished Petroleum Products	**12**	**96,204**	**468**	**-3,833**	**0**	**0**	**19,656**	**0**	**339**	**112,168**	**131,598**
Finished Motor Gasoline	0	54,741	6	-332	0	0	11,973	0	1	66,387	56,215
Finished Leaded Motor Gasoline	0	27,167	4	-652	0	0	5,918	0	1	32,436	30,373
Finished Unleaded Motor Gasoline	0	27,527	2	335	0	0	6,055	0	0	33,919	25,790
Gasohol	0	47	0	-15	0	0	0	0	0	32	52
Finished Aviation Gasoline	0	54	0	25	0	0	72	0	0	151	542
Naphtha-Type Jet Fuel	0	924	0	30	0	0	96	0	0	1,050	1,298
Kerosene-Type Jet Fuel	0	3,860	0	-189	0	0	1,571	0	0	5,242	7,263
Kerosene	0	865	0	157	0	0	170	0	0	1,192	2,637
Distillate Fuel Oil	2	20,086	1	-1,753	0	0	5,659	0	0	23,995	47,010
Residual Fuel Oil	0	3,573	305	-219	0	0	-302	0	0	3,357	5,216
Naphtha and Other Oils for Petro. Feed. Use	0	1,645	26	-107	0	0	-24	0	21	1,518	368
Special Naphthas	0	324	112	32	0	0	87	0	2	554	630
Lubricants	0	737	14	-162	0	0	91	0	11	668	2,088
Waxes	0	46	3	-11	0	0	0	0	(s)	38	79
Petroleum Coke	0	3,318	0	59	0	0	0	0	302	3,075	1,974
Asphalt	0	2,314	1	-1,360	0	0	341	0	1	1,295	6,133
Road Oil	0	-3	0	5	0	0	0	0	0	2	15
Still Gas	0	3,574	0	0	0	0	0	0	0	3,574	0
Miscellaneous Products	10	146	0	-8	0	0	-78	0	1	69	130
Total	**41,385**	**98,699**	**26,915**	**-3,020**	**32,431**	**-5**	**27,668**	**94,830**	**735**	**128,508**	**267,825**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**127,644**	**0**	**59,434**	**-12,197**	**-26,326**	**-77**	**11,090**	**159,568**	**0**	**0**	**402,746**
Natural Gas Plant Liquids and LRGs	**34,314**	**3,383**	**1,339**	**5,975**	**0**	**0**	**-10,804**	**9,716**	**894**	**23,597**	**94,080**
Liquefied Petroleum Gases	23,231	3,214	1,027	5,608	0	0	-9,921	5,402	894	16,863	79,349
Ethane	6,069	169	0	-278	0	0	0	255	0	5,705	3,535
Other Products[3]	5,014	0	312	645	0	0	-883	4,059	0	1,029	11,196
Other Liquids	**607**	**0**	**3,086**	**-335**	**0**	**0**	**-1,168**	**8,935**	**0**	**-6,745**	**67,723**
Other Hydrocarbons and Alcohol	607	0	0	7	0	0	0	614	0	0	78
Unfinished Oils	0	0	2,553	-1,429	0	0	-205	4,598	0	-3,679	49,058
Motor Gasoline Blending Components	0	0	533	1,093	0	0	-963	3,778	0	-3,115	18,100
Aviation Gasoline Blending Components	0	0	0	-6	0	0	0	-55	0	49	487
Finished Petroleum Products	**249**	**181,743**	**2,195**	**5,559**	**0**	**16**	**-99,382**	**0**	**9,708**	**80,672**	**134,721**
Finished Motor Gasoline	23	80,975	236	-1,901	0	0	-51,561	0	70	27,702	52,179
Finished Leaded Motor Gasoline	19	38,431	(s)	-1,643	0	0	-23,960	0	70	12,777	27,557
Finished Unleaded Motor Gasoline	3	42,544	236	-260	0	0	-27,601	0	0	14,922	24,613
Gasohol	0	0	0	3	0	0	0	0	0	3	9
Finished Aviation Gasoline	53	221	0	74	0	0	-211	0	0	137	789
Naphtha-Type Jet Fuel	0	2,247	0	-126	0	0	-912	0	0	1,209	3,128
Kerosene-Type Jet Fuel	0	11,529	0	1,751	0	0	-10,103	0	227	2,950	9,065
Kerosene	5	2,608	0	225	0	0	-1,664	0	(s)	1,174	2,723
Distillate Fuel Oil	2	38,005	21	4,522	0	16	-26,903	0	1,568	14,096	31,025
Residual Fuel Oil	0	15,801	1,818	1,026	0	0	-5,489	0	5,199	7,957	17,712
Naphtha and Other Oils for Petro. Feed. Use	0	10,937	100	72	0	0	-143	0	769	10,197	3,164
Special Naphthas	35	903	14	6	0	0	-367	0	79	511	1,601
Lubricants	0	2,594	(s)	23	0	0	-911	0	251	1,455	6,304
Waxes	0	259	5	19	0	0	-23	0	11	249	405
Petroleum Coke	0	4,255	0	355	0	0	0	0	1,493	3,117	515
Asphalt	0	2,326	0	-563	0	0	-310	0	1	1,452	4,549
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	6,803	0	0	0	0	0	0	0	6,803	0
Miscellaneous Products	132	2,280	(s)	75	0	0	-785	0	39	1,664	1,560
Total	**162,814**	**185,126**	**66,055**	**-998**	**-26,326**	**-61**	**-100,264**	**178,219**	**10,603**	**97,524**	**699,271**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**116,957**	**0**	**36,864**	**-6,281**	**-23,247**	**-33**	**13,015**	**137,275**	**0**	**0**	**409,027**
Natural Gas Plant Liquids and LRGs	**31,192**	**2,532**	**967**	**2,662**	**0**	**0**	**-8,284**	**7,446**	**831**	**20,791**	**91,419**
Liquefied Petroleum Gases	18,482	2,402	967	5,086	0	0	-7,760	3,550	831	14,796	74,263
Ethane	5,743	130	0	-419	0	0	0	246	0	5,208	3,954
Other Products[3]	6,967	0	0	-2,006	0	0	-524	3,650	0	787	13,201
Other Liquids	**604**	**0**	**3,397**	**-1,964**	**0**	**0**	**-1,936**	**7,148**	**0**	**-7,047**	**69,687**
Other Hydrocarbons and Alcohol	604	0	0	-10	0	0	0	594	0	0	88
Unfinished Oils	0	0	3,197	-1,900	0	0	-1,218	2,646	0	-2,567	50,958
Motor Gasoline Blending Components	0	0	200	-79	0	0	-718	3,907	0	-4,504	18,179
Aviation Gasoline Blending Components	0	0	0	25	0	0	0	1	0	24	462
Finished Petroleum Products	**217**	**155,124**	**3,407**	**7,932**	**0**	**11**	**-81,409**	**0**	**5,626**	**79,657**	**126,789**
Finished Motor Gasoline	16	68,168	225	1,050	0	0	-43,352	0	0	26,107	51,129
Finished Leaded Motor Gasoline	9	29,717	225	1,599	0	0	-20,068	0	0	11,481	25,958
Finished Unleaded Motor Gasoline	7	38,449	0	-548	0	0	-23,277	0	0	14,631	25,162
Gasohol	0	2	0	0	0	0	-7	0	0	-5	9
Finished Aviation Gasoline	20	304	0	-27	0	0	-258	0	0	39	816
Naphtha-Type Jet Fuel	0	1,796	0	528	0	0	-846	0	0	1,478	2,600
Kerosene-Type Jet Fuel	0	11,691	0	-823	0	0	-8,581	0	226	2,061	9,888
Kerosene	5	2,622	0	279	0	0	-1,354	0	0	1,552	2,444
Distillate Fuel Oil	2	30,346	516	4,184	0	11	-20,111	0	945	14,003	26,842
Residual Fuel Oil	0	12,617	2,276	3,042	0	0	-4,928	0	2,912	10,095	14,670
Naphtha and Other Oils for Petro. Feed. Use	0	10,722	105	-9	0	0	-147	0	208	10,463	3,173
Special Naphthas	59	1,102	170	-68	0	0	-294	0	235	735	1,668
Lubricants	0	2,494	100	-317	0	0	-649	0	200	1,428	6,621
Waxes	0	189	14	13	0	0	-6	0	8	202	392
Petroleum Coke	0	3,921	0	-61	0	0	0	0	882	2,978	576
Asphalt	0	1,418	0	281	0	0	-200	0	(s)	1,499	4,268
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	6,320	0	0	0	0	0	0	0	6,320	0
Miscellaneous Products	116	1,414	1	-141	0	0	-683	0	11	696	1,700
Total	**148,971**	**157,656**	**44,635**	**2,349**	**-23,247**	**-22**	**-78,614**	**151,869**	**6,458**	**93,401**	**696,922**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, March 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**130,347**	**0**	**40,115**	**-1,736**	**-28,857**	**-126**	**17,266**	**157,009**	**0**	**0**	**410,763**
Natural Gas Plant Liquids and LRGs	**35,205**	**3,282**	**425**	**4,708**	**0**	**0**	**-6,407**	**8,529**	**1,261**	**27,423**	**86,710**
Liquefied Petroleum Gases	22,549	3,101	425	4,469	0	0	-5,839	3,828	1,261	19,616	69,795
Ethane	6,305	181	0	50	0	0	0	191	(s)	6,346	3,904
Other Products[3]	6,350	0	0	189	0	0	-568	4,510	0	1,462	13,012
Other Liquids	**425**	**0**	**1,855**	**856**	**0**	**0**	**-2,527**	**9,261**	**0**	**-8,652**	**68,831**
Other Hydrocarbons and Alcohol	425	0	0	6	0	0	0	431	0	0	82
Unfinished Oils	0	0	1,802	1,264	0	0	-1,840	4,943	0	-3,717	49,694
Motor Gasoline Blending Components	0	0	54	-569	0	0	-687	3,829	0	-5,031	18,748
Aviation Gasoline Blending Components	0	0	0	155	0	0	0	58	0	97	307
Finished Petroleum Products	**274**	**177,638**	**3,344**	**-1,252**	**0**	**6**	**-83,392**	**0**	**8,805**	**87,813**	**128,041**
Finished Motor Gasoline	5	81,179	(s)	1,868	0	0	-49,655	0	1,086	32,311	49,261
Finished Leaded Motor Gasoline	4	37,565	(s)	584	0	0	-22,508	0	1,086	14,559	25,374
Finished Unleaded Motor Gasoline	1	43,614	0	1,279	0	0	-27,147	0	0	17,747	23,883
Gasohol	0	0	0	5	0	0	0	0	0	5	4
Finished Aviation Gasoline	57	379	0	-58	0	0	-546	0	0	-168	874
Naphtha-Type Jet Fuel	0	2,938	0	-397	0	0	-723	0	0	1,818	2,997
Kerosene-Type Jet Fuel	0	14,355	0	-1,980	0	0	-10,040	0	0	2,335	11,868
Kerosene	3	2,444	0	-114	0	0	-1,211	0	0	1,122	2,558
Distillate Fuel Oil	1	31,901	200	-712	0	6	-16,941	0	1,394	13,061	27,554
Residual Fuel Oil	0	13,665	2,816	-10	0	0	-2,187	0	4,110	10,174	14,680
Naphtha and Other Oils for Petro. Feed. Use	0	11,330	34	-264	0	0	9	0	352	10,757	3,437
Special Naphthas	111	1,183	293	-34	0	0	-563	0	253	737	1,702
Lubricants	0	2,319	(s)	386	0	0	-879	0	375	1,451	6,235
Waxes	0	232	1	9	0	0	-10	0	26	206	383
Petroleum Coke	0	4,682	0	-90	0	0	0	0	1,188	3,404	666
Asphalt	0	2,169	0	-53	0	0	-279	0	3	1,834	4,321
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,582	0	0	0	0	0	0	0	7,582	0
Miscellaneous Products	96	1,280	1	197	0	0	-367	0	20	1,188	1,503
Total	**166,251**	**180,920**	**45,740**	**2,577**	**-28,857**	**-120**	**-75,060**	**174,799**	**10,066**	**106,585**	**694,345**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, April 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**126,047**	**0**	**42,855**	**-4,205**	**-26,654**	**-56**	**16,939**	**154,926**	**0**	**0**	**414,968**
Natural Gas Plant Liquids and LRGs	**33,357**	**3,316**	**1,125**	**4,504**	**0**	**0**	**-5,709**	**8,340**	**1,221**	**27,032**	**82,207**
Liquefied Petroleum Gases	19,828	3,136	1,125	2,839	0	0	-4,951	3,448	1,221	17,308	66,955
Ethane	6,570	180	0	20	0	0	0	178	0	6,592	3,883
Other Products[3]	6,959	0	0	1,644	0	0	-758	4,714	0	3,131	11,368
Other Liquids	**778**	**0**	**2,298**	**458**	**0**	**0**	**-1,975**	**9,571**	**0**	**-8,012**	**68,373**
Other Hydrocarbons and Alcohol	778	0	0	-8	0	0	0	770	0	0	90
Unfinished Oils	0	0	2,194	-814	0	0	-1,122	5,368	0	-5,110	50,508
Motor Gasoline Blending Components	0	0	104	1,154	0	0	-853	3,391	0	-2,986	17,594
Aviation Gasoline Blending Components	0	0	0	126	0	0	0	42	0	84	181
Finished Petroleum Products	**214**	**175,776**	**3,723**	**4,097**	**0**	**12**	**-85,118**	**0**	**8,621**	**90,082**	**123,943**
Finished Motor Gasoline	0	80,041	242	3,643	0	0	-50,759	0	865	32,302	45,618
Finished Leaded Motor Gasoline	0	36,809	(s)	2,056	0	0	-23,173	0	865	14,827	23,318
Finished Unleaded Motor Gasoline	0	43,231	242	1,600	0	0	-27,579	0	0	17,494	22,283
Gasohol	0	1	0	-13	0	0	-7	0	0	-19	17
Finished Aviation Gasoline	50	282	0	132	0	0	-322	0	0	141	743
Naphtha-Type Jet Fuel	0	2,609	0	328	0	0	-863	0	22	2,052	2,669
Kerosene-Type Jet Fuel	2	12,898	0	-482	0	0	-9,724	0	0	2,694	12,350
Kerosene	3	2,662	2	-478	0	0	-504	0	20	1,665	3,036
Distillate Fuel Oil	(s)	33,216	20	-951	0	12	-16,919	0	1,102	14,276	28,505
Residual Fuel Oil	0	15,039	3,008	1,163	0	0	-3,770	0	3,831	11,609	13,517
Naphtha and Other Oils for Petro. Feed. Use	0	9,695	115	221	0	0	-1	0	472	9,558	3,216
Special Naphthas	96	1,066	271	135	0	0	-466	0	427	675	1,567
Lubricants	0	2,607	60	322	0	0	-1,345	0	272	1,372	5,913
Waxes	0	208	4	13	0	0	-5	0	5	215	370
Petroleum Coke	0	4,504	0	-62	0	0	0	0	1,597	2,845	728
Asphalt	0	1,963	0	307	0	0	-226	0	1	2,043	4,014
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,440	0	0	0	0	0	0	0	7,440	0
Miscellaneous Products	63	1,546	(s)	-193	0	0	-214	0	8	1,194	1,696
Total	**160,395**	**179,092**	**50,001**	**4,854**	**-26,654**	**-44**	**-75,863**	**172,837**	**9,842**	**109,102**	**689,491**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, May 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**130,230**	**0**	**52,693**	**-3,813**	**-23,853**	**-43**	**16,055**	**171,269**	**0**	**0**	**418,781**
Natural Gas Plant Liquids and LRGs	**33,814**	**4,053**	**863**	**354**	**0**	**0**	**-4,635**	**7,985**	**1,097**	**25,367**	**81,853**
Liquefied Petroleum Gases	22,910	4,029	663	-745	0	0	-3,902	3,339	1,097	18,518	67,701
Ethane	6,317	24	0	-124	0	0	0	159	(s)	6,059	4,007
Other Products[3]	4,588	0	200	1,222	0	0	-733	4,487	0	790	10,145
Other Liquids	**497**	**0**	**3,084**	**268**	**0**	**0**	**-2,087**	**10,198**	**0**	**-8,436**	**68,105**
Other Hydrocarbons and Alcohol	497	0	0	-3	0	0	0	494	0	0	93
Unfinished Oils	0	0	3,062	655	0	0	-1,231	8,069	0	-5,583	49,853
Motor Gasoline Blending Components	0	0	22	-334	0	0	-856	1,762	0	-2,930	17,928
Aviation Gasoline Blending Components	0	0	0	-50	0	0	0	-127	0	77	231
Finished Petroleum Products	**316**	**192,598**	**3,751**	**-4,113**	**0**	**12**	**-93,387**	**0**	**7,076**	**92,101**	**128,056**
Finished Motor Gasoline	0	88,585	(s)	77	0	0	-53,610	0	696	34,356	45,541
Finished Leaded Motor Gasoline	0	41,194	0	706	0	0	-25,551	0	696	15,653	22,612
Finished Unleaded Motor Gasoline	0	47,389	(s)	-646	0	0	-28,059	0	0	18,684	22,929
Gasohol	0	2	0	17	0	0	0	0	0	19	0
Finished Aviation Gasoline	56	417	0	-65	0	0	-346	0	0	62	807
Naphtha-Type Jet Fuel	0	2,385	0	-269	0	0	-525	0	0	1,591	2,938
Kerosene-Type Jet Fuel	0	11,982	0	1,202	0	0	-11,633	0	0	1,551	11,148
Kerosene	5	1,756	3	466	0	0	-472	0	(s)	1,757	2,569
Distillate Fuel Oil	2	38,787	28	-2,609	0	12	-20,697	0	1,411	14,111	31,114
Residual Fuel Oil	0	15,928	3,523	-1,456	0	0	-4,427	0	2,165	11,403	14,973
Naphtha and Other Oils for Petro. Feed. Use	0	11,295	87	-235	0	0	59	0	734	10,472	3,451
Special Naphthas	142	955	56	-98	0	0	-266	0	16	773	1,665
Lubricants	0	2,718	52	-381	0	0	-633	0	328	1,427	6,294
Waxes	0	258	3	-77	0	0	0	0	9	174	447
Petroleum Coke	0	5,045	0	-146	0	0	0	0	1,682	3,217	874
Asphalt	0	3,079	0	-399	0	0	-430	0	1	2,249	4,413
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,914	0	0	0	0	0	0	0	7,914	0
Miscellaneous Products	112	1,494	0	-124	0	0	-407	0	33	1,042	1,820
Total	**164,857**	**196,651**	**60,392**	**-7,305**	**-23,853**	**-31**	**-84,054**	**189,452**	**8,173**	**109,032**	**696,795**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

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Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**125,199**	**0**	**58,888**	**-1,557**	**-26,377**	**-170**	**13,480**	**169,463**	**0**	**0**	**420,338**
Natural Gas Plant Liquids and LRGs	**32,245**	**3,445**	**1,500**	**224**	**0**	**0**	**-4,616**	**8,468**	**1,110**	**23,220**	**81,629**
Liquefied Petroleum Gases	20,957	3,400	815	-549	0	0	-3,947	3,700	1,110	15,865	68,250
Ethane	5,856	45	0	308	0	0	0	90	(s)	6,119	3,699
Other Products[3]	5,433	0	685	465	0	0	-669	4,678	0	1,236	9,681
Other Liquids	**470**	**0**	**3,628**	**-174**	**0**	**0**	**-955**	**13,015**	**0**	**-10,046**	**68,279**
Other Hydrocarbons and Alcohol	470	0	0	13	0	0	0	483	0	0	80
Unfinished Oils	0	0	3,612	78	0	0	-370	9,852	0	-6,532	49,775
Motor Gasoline Blending Components	0	0	16	-274	0	0	-585	2,773	0	-3,616	18,202
Aviation Gasoline Blending Components	0	0	0	9	0	0	0	-93	0	102	222
Finished Petroleum Products	**300**	**192,941**	**5,881**	**-2,580**	**0**	**9**	**-94,222**	**0**	**8,292**	**94,036**	**130,637**
Finished Motor Gasoline	0	90,741	(s)	-1,127	0	0	-58,497	0	420	30,697	46,668
Finished Leaded Motor Gasoline	0	40,619	(s)	-1,118	0	0	-27,359	0	420	11,722	23,730
Finished Unleaded Motor Gasoline	0	50,121	0	-9	0	0	-31,138	0	0	18,974	22,938
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	81	364	0	92	0	0	-392	0	0	145	715
Naphtha-Type Jet Fuel	0	2,493	0	473	0	0	-970	0	40	1,956	2,465
Kerosene-Type Jet Fuel	0	10,487	0	642	0	0	-8,966	0	0	2,163	10,506
Kerosene	2	2,104	0	-228	0	0	-439	0	0	1,439	2,798
Distillate Fuel Oil	(s)	39,490	10	-1,443	0	9	-21,351	0	479	16,236	32,557
Residual Fuel Oil	0	15,043	5,514	-2,135	0	0	-1,238	0	4,897	12,286	17,108
Naphtha and Other Oils for Petro. Feed. Use	0	10,662	143	416	0	0	108	0	197	11,131	3,035
Special Naphthas	75	1,047	146	223	0	0	-542	0	171	778	1,443
Lubricants	0	2,694	49	69	0	0	-1,066	0	307	1,439	6,225
Waxes	0	226	18	-25	0	0	0	0	11	208	472
Petroleum Coke	0	4,608	0	-12	0	0	0	0	1,762	2,834	886
Asphalt	0	3,197	0	635	0	0	-640	0	1	3,191	3,778
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	8,466	0	0	0	0	0	0	0	8,466	0
Miscellaneous Products	141	1,319	2	-159	0	0	-229	0	6	1,068	1,979
Total	**158,214**	**196,386**	**69,898**	**-4,088**	**-26,377**	**-161**	**-86,313**	**190,946**	**9,403**	**107,210**	**700,883**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

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Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**129,356**	**0**	**67,718**	**-5,083**	**-29,357**	**-32**	**12,336**	**174,938**	**0**	**0**	**425,421**
Natural Gas Plant Liquids and LRGs	**34,024**	**4,096**	**2,117**	**-1,607**	**0**	**0**	**-5,263**	**8,686**	**945**	**23,736**	**83,236**
Liquefied Petroleum Gases	20,676	4,010	802	-228	0	0	-4,404	3,741	945	16,170	68,478
Ethane	5,795	86	0	90	0	0	0	108	(s)	5,862	3,609
Other Products[3]	7,554	0	1,315	-1,469	0	0	-859	4,837	0	1,704	11,150
Other Liquids	**597**	**0**	**3,751**	**-707**	**0**	**0**	**-1,396**	**11,470**	**0**	**-9,225**	**68,986**
Other Hydrocarbons and Alcohol	597	0	0	-13	0	0	0	584	0	0	93
Unfinished Oils	0	0	3,751	-205	0	0	-738	8,488	0	-5,680	49,980
Motor Gasoline Blending Components	0	0	0	-469	0	0	-658	2,558	0	-3,685	18,671
Aviation Gasoline Blending Components	0	0	0	-20	0	0	0	-160	0	140	242
Finished Petroleum Products	**274**	**198,329**	**4,937**	**-2,345**	**0**	**1**	**-101,536**	**0**	**9,193**	**90,466**	**132,982**
Finished Motor Gasoline	0	94,190	(s)	-612	0	0	-61,847	0	553	31,178	47,280
Finished Leaded Motor Gasoline	0	42,209	(s)	1,132	0	0	-28,247	0	553	14,541	22,598
Finished Unleaded Motor Gasoline	0	51,980	0	-1,744	0	0	-33,600	0	0	16,636	24,682
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	80	322	0	-59	0	0	-384	0	0	-41	774
Naphtha-Type Jet Fuel	0	3,055	0	-441	0	0	-776	0	0	1,838	2,906
Kerosene-Type Jet Fuel	0	10,856	0	-358	0	0	-8,136	0	0	2,362	10,864
Kerosene	4	2,079	0	288	0	0	-473	0	0	1,898	2,510
Distillate Fuel Oil	1	39,810	11	-1,574	0	1	-23,932	0	254	14,064	34,131
Residual Fuel Oil	0	15,403	4,000	694	0	0	-3,482	0	5,844	10,772	16,414
Naphtha and Other Oils for Petro. Feed. Use	0	9,699	826	-62	0	0	-48	0	349	10,065	3,097
Special Naphthas	51	1,379	16	-302	0	0	-467	0	48	630	1,745
Lubricants	0	2,758	46	-151	0	0	-749	0	339	1,565	6,376
Waxes	0	228	37	10	0	0	0	0	30	245	462
Petroleum Coke	0	4,927	0	138	0	0	0	0	1,743	3,322	748
Asphalt	0	3,478	0	305	0	0	-921	0	1	2,861	3,473
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	8,722	0	0	0	0	0	0	0	8,722	0
Miscellaneous Products	138	1,423	1	-222	0	0	-321	0	33	985	2,201
Total	**164,251**	**202,425**	**78,524**	**-9,742**	**-29,357**	**-31**	**-95,859**	**195,094**	**10,139**	**104,977**	**710,625**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, August 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**128,944**	**0**	**57,207**	**-10,612**	**-21,924**	**-43**	**13,051**	**166,623**	**0**	**0**	**436,033**
Natural Gas Plant Liquids and LRGs	**34,003**	**3,543**	**481**	**50**	**0**	**0**	**-5,201**	**8,695**	**937**	**23,245**	**83,186**
Liquefied Petroleum Gases	21,601	3,503	481	-174	0	0	-4,547	4,012	937	15,915	68,652
Ethane	5,718	40	0	-175	0	0	0	14	0	5,569	3,784
Other Products[3]	6,684	0	0	400	0	0	-654	4,669	0	1,761	10,750
Other Liquids	**829**	**0**	**2,447**	**1,933**	**0**	**0**	**-2,100**	**9,062**	**0**	**-5,953**	**67,053**
Other Hydrocarbons and Alcohol	829	0	0	8	0	0	0	837	0	0	85
Unfinished Oils	0	0	2,364	1,912	0	0	-1,351	5,638	0	-2,713	48,068
Motor Gasoline Blending Components	0	0	83	8	0	0	-749	2,701	0	-3,359	18,663
Aviation Gasoline Blending Components	0	0	0	5	0	0	0	-114	0	119	237
Finished Petroleum Products	**349**	**188,512**	**4,196**	**183**	**0**	**7**	**-94,194**	**0**	**7,189**	**91,863**	**132,799**
Finished Motor Gasoline	0	88,954	(s)	728	0	0	-56,146	0	332	33,204	46,552
Finished Leaded Motor Gasoline	0	37,831	(s)	272	0	0	-24,742	0	332	13,029	22,326
Finished Unleaded Motor Gasoline	0	51,122	0	456	0	0	-31,404	0	0	20,174	24,226
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	88	594	(s)	-114	0	0	-727	0	0	-158	887
Naphtha-Type Jet Fuel	0	2,643	0	103	0	0	-577	0	0	2,169	2,803
Kerosene-Type Jet Fuel	0	11,997	0	134	0	0	-10,494	0	0	1,637	10,730
Kerosene	3	2,040	0	13	0	0	-688	0	1	1,367	2,496
Distillate Fuel Oil	(s)	35,847	12	-1,425	0	7	-19,934	0	387	14,121	35,556
Residual Fuel Oil	0	13,927	3,419	905	0	0	-3,682	0	3,395	11,173	15,509
Naphtha and Other Oils for Petro. Feed. Use	0	10,585	290	-247	0	0	-174	0	484	9,970	3,344
Special Naphthas	169	1,031	370	-6	0	0	-340	0	26	1,198	1,751
Lubricants	0	2,435	70	-140	0	0	-681	0	365	1,319	6,516
Waxes	0	179	34	28	0	0	0	0	13	227	434
Petroleum Coke	0	4,751	0	-20	0	0	0	0	2,170	2,561	768
Asphalt	0	3,346	0	576	0	0	-669	0	1	3,252	2,897
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	8,473	0	0	0	0	0	0	0	8,473	0
Miscellaneous Products	89	1,710	(s)	-353	0	0	-82	0	14	1,350	2,554
Total	**164,125**	**192,055**	**64,331**	**-8,446**	**-21,924**	**-36**	**-88,444**	**184,380**	**8,126**	**109,155**	**719,071**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, September 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**125,526**	**0**	**54,649**	**3,180**	**-31,234**	**-62**	**13,607**	**165,666**	**0**	**0**	**432,853**
Natural Gas Plant Liquids and LRGs	**33,277**	**4,181**	**2,778**	**1,660**	**0**	**0**	**-5,700**	**8,700**	**999**	**26,497**	**81,526**
Liquefied Petroleum Gases	21,791	4,143	1,848	661	0	0	-4,921	3,969	999	18,553	67,991
Ethane	5,249	38	0	108	0	0	0	33	0	5,362	3,676
Other Products[3]	6,237	0	930	891	0	0	-779	4,698	0	2,582	9,858
Other Liquids	**737**	**0**	**2,995**	**-1,898**	**0**	**0**	**-1,007**	**9,947**	**0**	**-9,120**	**68,951**
Other Hydrocarbons and Alcohol	737	0	0	-1	0	0	0	736	0	0	86
Unfinished Oils	0	0	2,481	-1,990	0	0	-498	6,705	0	-6,712	50,058
Motor Gasoline Blending Components	0	0	514	52	0	0	-509	2,558	0	-2,501	18,611
Aviation Gasoline Blending Components	0	0	0	41	0	0	0	-52	0	93	196
Finished Petroleum Products	**190**	**185,955**	**3,156**	**1,400**	**0**	**7**	**-95,114**	**0**	**9,819**	**85,774**	**131,400**
Finished Motor Gasoline	0	87,963	(s)	-2,288	0	0	-56,315	0	408	28,952	48,840
Finished Leaded Motor Gasoline	0	39,559	(s)	-1,333	0	0	-24,851	0	408	12,967	23,659
Finished Unleaded Motor Gasoline	0	48,403	0	-955	0	0	-31,464	0	0	15,984	25,181
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	63	345	0	233	0	0	-419	0	0	222	654
Naphtha-Type Jet Fuel	0	2,605	0	-74	0	0	-662	0	222	1,647	2,877
Kerosene-Type Jet Fuel	0	11,651	0	1,176	0	0	-10,293	0	0	2,534	9,554
Kerosene	4	2,292	0	92	0	0	-568	0	30	1,790	2,404
Distillate Fuel Oil	2	36,586	12	1,521	0	7	-21,779	0	3,020	13,329	34,035
Residual Fuel Oil	0	14,949	1,629	-717	0	0	-2,269	0	3,216	10,377	16,226
Naphtha and Other Oils for Petro. Feed. Use	0	8,966	1,030	142	0	0	-148	0	278	9,711	3,202
Special Naphthas	(s)	1,409	413	-163	0	0	-406	0	272	982	1,914
Lubricants	0	2,159	(s)	532	0	0	-1,086	0	316	1,289	5,984
Waxes	0	219	11	-16	0	0	0	0	4	210	450
Petroleum Coke	0	4,410	0	-70	0	0	0	0	2,027	2,313	838
Asphalt	0	2,981	57	614	0	0	-670	0	1	2,981	2,283
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,912	0	0	0	0	0	0	0	7,912	0
Miscellaneous Products	121	1,508	4	417	0	0	-499	0	26	1,525	2,138
Total	**159,730**	**190,136**	**63,579**	**4,342**	**-31,234**	**-55**	**-88,214**	**184,313**	**10,819**	**103,151**	**714,729**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**130,232**	**0**	**60,355**	**-10,876**	**-20,903**	**-4**	**16,495**	**175,299**	**0**	**0**	**443,729**
Natural Gas Plant Liquids and LRGs	**34,034**	**3,418**	**2,191**	**3,815**	**0**	**0**	**-7,655**	**9,467**	**915**	**25,421**	**77,710**
Liquefied Petroleum Gases	22,277	3,297	802	2,028	0	0	-7,182	5,001	915	15,306	65,963
Ethane	5,987	121	0	-157	0	0	0	33	(s)	5,918	3,833
Other Products[3]	5,770	0	1,389	1,944	0	0	-473	4,433	0	4,197	7,914
Other Liquids	**644**	**0**	**3,177**	**258**	**0**	**0**	**-1,672**	**10,882**	**0**	**-8,475**	**68,693**
Other Hydrocarbons and Alcohol	644	0	0	-31	0	0	0	613	0	0	117
Unfinished Oils	0	0	2,996	470	0	0	-945	7,907	0	-5,386	49,588
Motor Gasoline Blending Components	0	0	181	-184	0	0	-727	2,385	0	-3,115	18,795
Aviation Gasoline Blending Components	0	0	0	3	0	0	0	-23	0	26	193
Finished Petroleum Products	**197**	**199,592**	**5,419**	**-7,579**	**0**	**5**	**-101,084**	**0**	**10,559**	**85,992**	**138,979**
Finished Motor Gasoline	0	89,938	(s)	-2,171	0	0	-60,078	0	396	27,293	51,011
Finished Leaded Motor Gasoline	0	41,151	(s)	-1,301	0	0	-27,152	0	396	12,302	24,960
Finished Unleaded Motor Gasoline	0	48,786	0	-870	0	0	-32,926	0	0	14,990	26,051
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	44	407	0	-41	0	0	-354	0	0	55	696
Naphtha-Type Jet Fuel	0	2,698	0	-119	0	0	-533	0	0	2,046	2,996
Kerosene-Type Jet Fuel	0	13,317	0	-2,281	0	0	-9,501	0	0	1,535	11,835
Kerosene	3	2,887	0	-170	0	0	-919	0	(s)	1,800	2,574
Distillate Fuel Oil	1	43,906	357	-2,986	0	5	-24,394	0	851	16,038	37,020
Residual Fuel Oil	0	14,655	4,104	643	0	0	-2,739	0	4,984	11,679	15,583
Naphtha and Other Oils for Petro. Feed. Use	0	9,487	363	277	0	0	-37	0	875	9,214	2,925
Special Naphthas	44	1,044	197	79	0	0	-375	0	90	899	1,835
Lubricants	0	2,542	(s)	-163	0	0	-970	0	270	1,139	6,147
Waxes	0	194	36	6	0	0	-10	0	8	218	444
Petroleum Coke	0	4,868	0	36	0	0	0	0	3,078	1,826	802
Asphalt	0	3,976	0	-802	0	0	-618	0	2	2,554	3,085
Road Oil	0	0	0	0	0	0	0	0	0	0	2
Still Gas	0	7,935	0	0	0	0	0	0	0	7,935	0
Miscellaneous Products	106	1,738	363	113	0	0	-556	0	6	1,758	2,024
Total	**165,108**	**203,010**	**71,143**	**-14,381**	**-20,903**	**1**	**-93,916**	**195,648**	**11,474**	**102,939**	**729,111**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, November 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**126,841**	**0**	**57,296**	**-12,244**	**-23,518**	**-14**	**16,269**	**164,630**	**0**	**0**	**455,973**
Natural Gas Plant Liquids and LRGs	**34,464**	**3,535**	**2,145**	**3,238**	**0**	**0**	**-6,526**	**9,501**	**926**	**26,430**	**74,472**
Liquefied Petroleum Gases	20,450	3,515	1,167	2,757	0	0	-5,657	5,100	926	16,206	63,206
Ethane	5,785	20	0	187	0	0	0	34	(s)	5,958	3,646
Other Products[3]	8,230	0	978	294	0	0	-869	4,367	0	4,266	7,620
Other Liquids	**817**	**0**	**3,407**	**2,023**	**0**	**0**	**-1,712**	**11,164**	**0**	**-6,629**	**66,670**
Other Hydrocarbons and Alcohol	817	0	0	9	0	0	0	826	0	0	108
Unfinished Oils	0	0	2,893	679	0	0	-963	6,453	0	-3,844	48,909
Motor Gasoline Blending Components	0	0	514	1,351	0	0	-749	3,981	0	-2,865	17,444
Aviation Gasoline Blending Components	0	0	0	-16	0	0	0	-96	0	80	209
Finished Petroleum Products	**207**	**189,022**	**2,902**	**3,726**	**0**	**1**	**-107,152**	**0**	**7,228**	**81,478**	**135,253**
Finished Motor Gasoline	0	86,867	(s)	2,965	0	0	-59,659	0	280	29,893	48,046
Finished Leaded Motor Gasoline	0	40,775	(s)	486	0	0	-27,693	0	280	13,288	24,474
Finished Unleaded Motor Gasoline	0	46,091	0	2,479	0	0	-31,966	0	0	16,604	23,572
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	55	329	0	-20	0	0	-288	0	0	76	716
Naphtha-Type Jet Fuel	0	2,521	0	447	0	0	-868	0	0	2,100	2,549
Kerosene-Type Jet Fuel	0	13,365	0	653	0	0	-12,778	0	245	994	11,182
Kerosene	2	3,058	0	-55	0	0	-1,369	0	0	1,637	2,629
Distillate Fuel Oil	1	40,791	331	162	0	1	-26,692	0	304	14,289	36,858
Residual Fuel Oil	0	13,484	1,666	-558	0	0	-2,874	0	2,127	9,591	16,141
Naphtha and Other Oils for Petro. Feed. Use	0	8,596	369	-115	0	0	-86	0	509	8,254	3,040
Special Naphthas	60	935	433	80	0	0	-309	0	35	1,166	1,754
Lubricants	0	2,408	28	-2	0	0	-832	0	219	1,383	6,149
Waxes	0	238	18	-12	0	0	-13	0	8	224	456
Petroleum Coke	0	4,771	0	0	0	0	0	0	3,486	1,285	802
Asphalt	0	2,610	57	8	0	0	-497	0	(s)	2,178	3,077
Road Oil	0	0	0	1	0	0	0	0	0	1	1
Still Gas	0	7,326	0	0	0	0	0	0	0	7,326	0
Miscellaneous Products	89	1,723	0	172	0	0	-887	0	15	1,082	1,852
Total	**162,330**	**192,557**	**65,751**	**-3,257**	**-23,518**	**-13**	**-99,121**	**185,295**	**8,154**	**101,280**	**732,368**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

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Table 6. PAD District III Supply and Disposition of Crude Oil and Petroleum Products, December 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**129,302**	**0**	**40,516**	**2,392**	**-23,827**	**-37**	**12,377**	**160,723**	**0**	**0**	**453,581**
Natural Gas Plant Liquids and LRGs	**35,910**	**3,575**	**0**	**8,378**	**0**	**0**	**-7,975**	**9,476**	**1,167**	**29,245**	**66,095**
Liquefied Petroleum Gases	21,610	3,559	0	6,307	0	0	-7,235	5,485	1,167	17,589	56,899
Ethane	6,101	16	0	535	0	0	0	34	(s)	6,618	3,111
Other Products[3]	8,199	0	0	1,536	0	0	-740	3,957	0	5,038	6,085
Other Liquids	**677**	**0**	**4,316**	**3,576**	**0**	**0**	**-1,839**	**10,687**	**0**	**-3,957**	**63,094**
Other Hydrocarbons and Alcohol	677	0	0	-19	0	0	0	658	0	0	127
Unfinished Oils	0	0	4,122	2,700	0	0	-925	7,810	0	-1,913	46,209
Motor Gasoline Blending Components	0	0	194	1,002	0	0	-914	2,401	0	-2,119	16,442
Aviation Gasoline Blending Components	0	0	0	-107	0	0	0	-182	0	75	316
Finished Petroleum Products	**238**	**186,432**	**2,560**	**4,582**	**0**	**9**	**-101,071**	**0**	**10,695**	**82,054**	**130,670**
Finished Motor Gasoline	0	89,215	(s)	-1,719	0	0	-56,886	0	191	30,419	49,765
Finished Leaded Motor Gasoline	0	40,141	(s)	-582	0	0	-24,660	0	191	14,708	25,056
Finished Unleaded Motor Gasoline	0	49,073	0	-1,137	0	0	-32,226	0	0	15,710	24,709
Gasohol	0	1	0	0	0	0	0	0	0	1	0
Finished Aviation Gasoline	54	161	0	61	0	0	-246	0	0	30	655
Naphtha-Type Jet Fuel	0	3,070	0	255	0	0	-762	0	0	2,563	2,294
Kerosene-Type Jet Fuel	(s)	11,621	0	2,221	0	0	-10,584	0	373	2,885	8,961
Kerosene	2	2,918	0	241	0	0	-1,332	0	0	1,830	2,388
Distillate Fuel Oil	(s)	38,500	8	2,616	0	0	-25,975	0	3,162	11,987	34,242
Residual Fuel Oil	0	11,990	1,926	-133	0	9	-2,952	0	3,188	7,653	16,274
Naphtha and Other Oils for Petro. Feed. Use	0	9,005	0	183	0	0	-65	0	787	8,336	2,857
Special Naphthas	43	799	520	77	0	0	-350	0	18	1,072	1,677
Lubricants	0	2,074	53	292	0	0	-731	0	295	1,393	5,857
Waxes	0	212	49	10	0	0	-7	0	10	255	446
Petroleum Coke	0	5,068	0	-127	0	0	0	0	2,653	2,288	929
Asphalt	0	2,595	0	-240	0	0	-533	0	1	1,821	3,317
Road Oil	0	0	0	1	0	0	0	0	0	1	0
Still Gas	0	7,449	0	0	0	0	0	0	0	7,449	0
Miscellaneous Products	137	1,755	3	844	0	0	-648	0	16	2,075	1,009
Total	**166,127**	**190,007**	**47,392**	**18,928**	**-23,827**	**-28**	**-98,508**	**180,886**	**11,862**	**107,342**	**713,440**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,142**	**0**	**852**	**-178**	**-5,039**	**-11**	**0**	**12,766**	**0**	**0**	**14,423**
Natural Gas Plant Liquids and LRGs	**2,247**	**-3**	**649**	**88**	**0**	**0**	**-39**	**630**	**0**	**2,312**	**1,314**
Liquefied Petroleum Gases	787	-3	519	87	0	0	252	455	0	1,187	1,015
Ethane	24	0	0	(s)	0	0	0	1	0	23	(s)
Other Products[3]	1,436	0	129	2	0	0	-291	174	0	1,102	298
Other Liquids	**88**	**0**	**27**	**-622**	**0**	**0**	**0**	**-986**	**0**	**479**	**6,399**
Other Hydrocarbons and Alcohol	88	0	0	0	0	0	0	88	0	0	1
Unfinished Oils	0	0	0	-168	0	0	0	-726	0	558	3,308
Motor Gasoline Blending Components	0	0	27	-454	0	0	0	-348	0	-79	3,090
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**18**	**12,542**	(s)	**-1,158**	**0**	**11**	**453**	**0**	**1**	**11,865**	**15,297**
Finished Motor Gasoline	4	6,505	0	-655	0	0	173	0	0	6,027	6,498
Finished Leaded Motor Gasoline	2	4,254	0	-310	0	0	-44	0	0	3,902	4,334
Finished Unleaded Motor Gasoline	1	2,250	0	-344	0	0	217	0	0	2,124	2,162
Gasohol	0	1	0	0	0	0	0	0	0	1	2
Finished Aviation Gasoline	0	22	0	-5	0	0	13	0	0	30	61
Naphtha-Type Jet Fuel	0	298	0	-4	0	0	-113	0	0	181	263
Kerosene-Type Jet Fuel	0	419	0	33	0	0	637	0	0	1,089	538
Kerosene	0	108	0	41	0	0	0	0	0	149	70
Distillate Fuel Oil	0	3,241	(s)	-184	0	0	-257	0	0	2,800	4,055
Residual Fuel Oil	0	555	0	14	0	11	0	0	0	580	648
Naphtha and Other Oils for Petro. Feed. Use	0	5	0	0	0	0	0	0	0	5	0
Special Naphthas	0	2	0	5	0	0	0	0	0	7	5
Lubricants	0	41	(s)	-21	0	0	0	0	(s)	20	122
Waxes	0	17	0	-2	0	0	0	0	(s)	15	3
Petroleum Coke	0	330	0	-33	0	0	0	0	(s)	297	613
Asphalt	0	460	0	-348	0	0	0	0	(s)	112	2,417
Road Oil	0	1	0	-1	0	0	0	0	0	0	3
Still Gas	0	518	0	0	0	0	0	0	0	518	0
Miscellaneous Products	14	20	0	1	0	0	0	0	(s)	35	1
Total	**19,494**	**12,539**	**1,528**	**-1,870**	**-5,039**	**0**	**414**	**12,410**	**1**	**14,656**	**37,433**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**15,623**	**0**	**636**	**–1,528**	**–4,080**	**-9**	**0**	**10,642**	**0**	**0**	**15,951**
Natural Gas Plant Liquids and LRGs	**1,972**	**10**	**769**	**51**	**0**	**0**	**-81**	**461**	**0**	**2,260**	**1,263**
Liquefied Petroleum Gases	699	10	661	54	0	0	182	313	0	1,293	962
Ethane	16	0	0	(s)	0	0	0	0	0	16	(s)
Other Products[3]	1,257	0	107	-3	0	0	-263	148	0	950	301
Other Liquids	**57**	**0**	**49**	**-240**	**0**	**0**	**0**	**-673**	**0**	**539**	**6,639**
Other Hydrocarbons and Alcohol	57	0	0	0	0	0	0	57	0	0	1
Unfinished Oils	0	0	0	166	0	0	0	-361	0	527	3,142
Motor Gasoline Blending Components	0	0	49	-406	0	0	0	-369	0	12	3,496
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**23**	**10,573**	**1**	**-276**	**0**	**9**	**851**	**0**	**1**	**11,180**	**15,572**
Finished Motor Gasoline	4	5,416	0	56	0	0	456	0	0	5,932	6,442
Finished Leaded Motor Gasoline	3	3,434	0	102	0	0	178	0	0	3,717	4,231
Finished Unleaded Motor Gasoline	2	1,982	0	-45	0	0	271	0	0	2,209	2,207
Gasohol	0	0	0	-1	0	0	7	0	0	6	3
Finished Aviation Gasoline	0	27	0	-3	0	0	15	0	0	39	64
Naphtha-Type Jet Fuel	0	334	0	-29	0	0	-91	0	0	214	292
Kerosene-Type Jet Fuel	0	421	0	-1	0	0	522	0	0	942	539
Kerosene	0	118	0	-5	0	0	0	0	0	113	75
Distillate Fuel Oil	0	2,586	(s)	153	0	0	-51	0	0	2,688	3,902
Residual Fuel Oil	0	401	0	-22	0	9	0	0	0	388	670
Naphtha and Other Oils for Petro. Feed. Use	0	1	0	0	0	0	0	0	(s)	1	0
Special Naphthas	0	5	0	-1	0	0	0	0	0	4	6
Lubricants	0	16	1	2	0	0	0	0	(s)	18	120
Waxes	0	18	0	-2	0	0	0	0	0	16	5
Petroleum Coke	0	278	0	17	0	0	0	0	0	295	596
Asphalt	0	507	0	-440	0	0	0	0	(s)	67	2,857
Road Oil	0	0	0	0	0	0	0	0	0	0	3
Still Gas	0	424	0	0	0	0	0	0	0	424	0
Miscellaneous Products	18	21	0	-1	0	0	0	0	0	39	2
Total	**17,675**	**10,583**	**1,455**	**-1,992**	**-4,080**	**0**	**770**	**10,430**	**1**	**13,979**	**39,425**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, March 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	Ending Stocks
Crude Oil (including lease condensate)	**17,360**	**0**	**628**	**-238**	**-5,829**	**-11**	**0**	**11,910**	**0**	**0**	**16,189**
Natural Gas Plant Liquids and LRGs	**2,241**	**-7**	**594**	**120**	**0**	**0**	**-215**	**609**	**0**	**2,124**	**1,142**
Liquefied Petroleum Gases	805	-7	451	66	0	0	117	340	0	1,092	895
Ethane	22	0	0	(s)	0	0	0	0	0	22	(s)
Other Products[3]	1,414	0	143	54	0	0	-332	269	0	1,010	247
Other Liquids	**60**	**0**	**53**	**-200**	**0**	**0**	**0**	**-648**	**0**	**561**	**6,839**
Other Hydrocarbons and Alcohol	60	0	0	0	0	0	0	60	0	0	1
Unfinished Oils	0	0	0	-63	0	0	0	-484	0	421	3,205
Motor Gasoline Blending Components	0	0	53	-137	0	0	0	-224	0	140	3,633
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**25**	**12,025**	**1**	**-76**	**0**	**10**	**954**	**0**	**3**	**12,936**	**15,649**
Finished Motor Gasoline	3	6,304	0	-56	0	0	533	0	0	6,784	6,497
Finished Leaded Motor Gasoline	2	4,051	0	-28	0	0	156	0	0	4,181	4,259
Finished Unleaded Motor Gasoline	1	2,253	0	-29	0	0	377	0	0	2,602	2,236
Gasohol	0	0	0	1	0	0	0	0	0	1	2
Finished Aviation Gasoline	0	15	0	2	0	0	19	0	0	36	62
Naphtha-Type Jet Fuel	0	413	0	-2	0	0	-87	0	0	324	294
Kerosene-Type Jet Fuel	0	571	0	-85	0	0	540	0	0	1,026	624
Kerosene	0	47	0	1	0	0	0	0	0	48	74
Distillate Fuel Oil	0	2,948	(s)	205	0	0	-51	0	0	3,102	3,697
Residual Fuel Oil	0	312	0	120	0	10	0	0	0	442	550
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	0	4	0	4	0	0	0	0	0	8	2
Lubricants	0	3	(s)	25	0	0	0	0	1	27	95
Waxes	0	2	0	-1	0	0	0	0	0	1	6
Petroleum Coke	0	357	0	28	0	0	0	0	0	385	568
Asphalt	0	509	0	-318	0	0	0	0	(s)	191	3,175
Road Oil	0	3	0	0	0	0	0	0	0	3	3
Still Gas	0	515	0	0	0	0	0	0	0	515	0
Miscellaneous Products	23	22	0	(s)	0	0	0	0	(s)	44	2
Total	**19,686**	**12,018**	**1,276**	**-394**	**-5,829**	**-1**	**739**	**11,871**	**3**	**15,621**	**39,819**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, April 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,832**	**0**	**717**	**33**	**-6,872**	**-10**	**0**	**10,700**	**0**	**0**	**16,156**
Natural Gas Plant Liquids and LRGs	**2,143**	**42**	**345**	(s)	**0**	**0**	**-201**	**446**	**0**	**1,883**	**1,142**
Liquefied Petroleum Gases	786	42	308	10	0	0	91	264	0	973	886
Ethane	16	0	0	(s)	0	0	0	0	0	16	(s)
Other Products[3]	1,341	0	37	-9	0	0	-292	182	0	894	256
Other Liquids	**41**	**0**	**0**	**865**	**0**	**0**	**0**	**536**	**0**	**370**	**5,974**
Other Hydrocarbons and Alcohol	41	0	0	1	0	0	0	42	0	0	0
Unfinished Oils	0	0	0	349	0	0	0	-73	0	422	2,856
Motor Gasoline Blending Components	0	0	0	515	0	0	0	567	0	-52	3,118
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**20**	**11,792**	**1**	**1,147**	**0**	**10**	**238**	**0**	**1**	**13,207**	**14,501**
Finished Motor Gasoline	5	6,228	0	661	0	0	-39	0	0	6,855	5,836
Finished Leaded Motor Gasoline	3	3,994	0	465	0	0	-165	0	0	4,297	3,794
Finished Unleaded Motor Gasoline	2	2,234	0	196	0	0	119	0	0	2,551	2,040
Gasohol	0	0	0	0	0	0	7	0	0	7	2
Finished Aviation Gasoline	0	28	0	3	0	0	5	0	0	36	59
Naphtha-Type Jet Fuel	0	452	0	-16	0	0	-103	0	0	333	310
Kerosene-Type Jet Fuel	0	506	0	13	0	0	486	0	0	1,005	611
Kerosene	0	8	0	18	0	0	0	0	0	26	56
Distillate Fuel Oil	0	2,971	(s)	551	0	0	-111	0	0	3,411	3,146
Residual Fuel Oil	0	340	0	27	0	10	0	0	0	377	523
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	0	7	(s)	-2	0	0	0	0	0	5	4
Lubricants	0	32	(s)	-6	0	0	0	0	(s)	26	101
Waxes	0	6	0	-3	0	0	0	0	(s)	3	9
Petroleum Coke	0	300	0	28	0	0	0	0	(s)	328	540
Asphalt	0	445	0	-126	0	0	0	0	(s)	319	3,301
Road Oil	0	8	0	-1	0	0	0	0	0	7	4
Still Gas	0	444	0	0	0	0	0	0	0	444	0
Miscellaneous Products	15	17	0	(s)	0	0	0	0	(s)	33	1
Total	**19,036**	**11,834**	**1,062**	**2,046**	**-6,872**	**0**	**37**	**11,682**	**1**	**15,461**	**37,773**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,251**	**0**	**1,285**	**155**	**-6,972**	**-9**	**0**	**11,710**	**0**	**0**	**16,001**
Natural Gas Plant Liquids and LRGs	**2,119**	**69**	**485**	**-22**	**0**	**0**	**-192**	**489**	**0**	**1,970**	**1,164**
Liquefied Petroleum Gases	800	69	432	-33	0	0	48	298	0	1,017	919
Ethane	5	0	0	(s)	0	0	0	0	0	5	(s)
Other Products[3]	1,314	0	54	11	0	0	-240	191	0	948	245
Other Liquids	**68**	**0**	**0**	**608**	**0**	**0**	**0**	**254**	**0**	**422**	**5,366**
Other Hydrocarbons and Alcohol	68	0	0	0	0	0	0	68	0	0	0
Unfinished Oils	0	0	0	-334	0	0	0	-376	0	42	3,190
Motor Gasoline Blending Components	0	0	0	942	0	0	0	562	0	380	2,176
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**18**	**12,448**	**1**	**548**	**0**	**9**	**451**	**0**	**1**	**13,473**	**13,953**
Finished Motor Gasoline	5	6,681	0	347	0	0	273	0	0	7,306	5,489
Finished Leaded Motor Gasoline	3	4,336	0	229	0	0	40	0	0	4,608	3,565
Finished Unleaded Motor Gasoline	2	2,345	0	118	0	0	233	0	0	2,698	1,922
Gasohol	0	0	0	0	0	0	0	0	0	0	2
Finished Aviation Gasoline	0	20	0	4	0	0	26	0	0	50	55
Naphtha-Type Jet Fuel	0	490	0	-42	0	0	-94	0	0	354	352
Kerosene-Type Jet Fuel	0	449	0	-129	0	0	538	0	0	858	740
Kerosene	0	5	0	8	0	0	0	0	0	13	48
Distillate Fuel Oil	0	3,176	(s)	328	0	0	-292	0	0	3,212	2,818
Residual Fuel Oil	0	228	0	34	0	9	0	0	0	271	489
Naphtha and Other Oils for Petro. Feed. Use	0	1	0	0	0	0	0	0	(s)	1	0
Special Naphthas	0	5	0	-1	0	0	0	0	0	4	5
Lubricants	0	2	(s)	27	0	0	0	0	1	29	74
Waxes	0	1	0	4	0	0	0	0	(s)	5	5
Petroleum Coke	0	282	0	11	0	0	0	0	0	293	529
Asphalt	0	633	0	-43	0	0	0	0	(s)	590	3,344
Road Oil	0	8	0	0	0	0	0	0	0	8	4
Still Gas	0	452	0	0	0	0	0	0	0	452	0
Miscellaneous Products	13	15	0	(s)	0	0	0	0	(s)	28	1
Total	**19,456**	**12,517**	**1,771**	**1,289**	**-6,972**	**0**	**259**	**12,453**	**1**	**15,866**	**36,484**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,792**	**0**	**1,138**	**895**	**-5,745**	**-8**	**0**	**13,072**	**0**	**0**	**15,106**
Natural Gas Plant Liquids and LRGs	**2,049**	**133**	**602**	**-46**	**0**	**0**	**-228**	**478**	**0**	**2,032**	**1,210**
Liquefied Petroleum Gases	752	129	541	-34	0	0	51	285	0	1,154	953
Ethane	5	4	0	(s)	0	0	0	0	0	9	(s)
Other Products[3]	1,291	0	62	-12	0	0	-279	193	0	870	257
Other Liquids	**75**	**0**	**3**	**380**	**0**	**0**	**0**	**-157**	**0**	**615**	**4,986**
Other Hydrocarbons and Alcohol	75	0	0	0	0	0	0	75	0	0	0
Unfinished Oils	0	0	(s)	34	0	0	0	-501	0	535	3,156
Motor Gasoline Blending Components	0	0	3	346	0	0	0	269	0	80	1,830
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**13**	**13,539**	**(s)**	**1,154**	**0**	**6**	**315**	**0**	**1**	**15,025**	**12,799**
Finished Motor Gasoline	0	7,033	0	818	0	0	-16	0	0	7,835	4,671
Finished Leaded Motor Gasoline	0	4,539	0	513	0	0	-141	0	0	4,911	3,052
Finished Unleaded Motor Gasoline	0	2,494	0	305	0	0	125	0	0	2,924	1,617
Gasohol	0	0	0	0	0	0	0	0	0	0	2
Finished Aviation Gasoline	0	13	0	30	0	0	20	0	0	63	25
Naphtha-Type Jet Fuel	0	427	0	15	0	0	-98	0	0	344	337
Kerosene-Type Jet Fuel	0	454	0	117	0	0	627	0	0	1,198	623
Kerosene	0	6	0	2	0	0	0	0	0	8	46
Distillate Fuel Oil	0	3,714	(s)	-197	0	0	-218	0	0	3,299	3,015
Residual Fuel Oil	0	305	0	-6	0	6	0	0	0	305	495
Naphtha and Other Oils for Petro. Feed. Use	0	2	0	0	0	0	0	0	(s)	2	0
Special Naphthas	0	8	0	1	0	0	0	0	0	9	4
Lubricants	0	28	(s)	-4	0	0	0	0	(s)	24	78
Waxes	0	1	0	3	0	0	0	0	0	4	2
Petroleum Coke	0	301	0	31	0	0	0	0	0	332	498
Asphalt	0	744	0	343	0	0	0	0	(s)	1,087	3,001
Road Oil	0	5	0	1	0	0	0	0	0	6	3
Still Gas	0	480	0	0	0	0	0	0	0	480	0
Miscellaneous Products	13	18	0	(s)	0	0	0	0	(s)	30	1
Total	**18,928**	**13,672**	**1,743**	**2,383**	**-5,745**	**-2**	**87**	**13,393**	**1**	**17,672**	**34,101**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,251**	**0**	**1,490**	**1,376**	**–6,290**	**–6**	**0**	**13,821**	**0**	**0**	**13,730**
Natural Gas Plant Liquids and LRGs	**2,075**	**70**	**401**	**59**	**0**	**0**	**–264**	**491**	**0**	**1,850**	**1,151**
Liquefied Petroleum Gases	703	70	267	54	0	0	60	309	0	845	899
Ethane	5	0	0	(s)	0	0	0	0	0	5	(s)
Other Products[3]	1,366	0	135	4	0	0	–324	182	0	1,000	252
Other Liquids	**71**	**0**	**4**	**517**	**0**	**0**	**0**	**156**	**0**	**436**	**4,469**
Other Hydrocarbons and Alcohol	71	0	0	0	0	0	0	71	0	0	0
Unfinished Oils	0	0	0	248	0	0	0	–185	0	433	2,908
Motor Gasoline Blending Components	0	0	4	269	0	0	0	270	0	3	1,561
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**12**	**14,547**	**1**	**430**	**0**	**6**	**248**	**0**	**2**	**15,242**	**12,370**
Finished Motor Gasoline	0	7,721	0	384	0	0	178	0	0	8,283	4,287
Finished Leaded Motor Gasoline	0	4,913	0	322	0	0	166	0	0	5,401	2,730
Finished Unleaded Motor Gasoline	0	2,808	0	62	0	0	12	0	0	2,882	1,555
Gasohol	0	0	0	0	0	0	0	0	0	0	2
Finished Aviation Gasoline	0	40	0	–7	0	0	25	0	0	58	32
Naphtha-Type Jet Fuel	0	387	0	–1	0	0	–102	0	0	284	338
Kerosene-Type Jet Fuel	0	557	0	–116	0	0	585	0	0	1,026	739
Kerosene	0	5	0	5	0	0	0	0	0	10	41
Distillate Fuel Oil	0	3,928	(s)	–402	0	0	–438	0	0	3,088	3,417
Residual Fuel Oil	0	312	0	10	0	6	0	0	0	328	485
Naphtha and Other Oils for Petro. Feed. Use	0	2	0	0	0	0	0	0	1	1	0
Special Naphthas	0	7	(s)	–3	0	0	0	0	0	4	7
Lubricants	0	29	1	–6	0	0	0	0	1	23	84
Waxes	0	6	0	–3	0	0	0	0	0	3	5
Petroleum Coke	0	273	0	6	0	0	0	0	(s)	279	492
Asphalt	0	699	0	563	0	0	0	0	1	1,261	2,438
Road Oil	0	4	0	0	0	0	0	0	0	4	3
Still Gas	0	553	0	0	0	0	0	0	0	553	0
Miscellaneous Products	12	24	0	(s)	0	0	0	0	0	36	2
Total	**19,409**	**14,617**	**1,896**	**2,382**	**–6,290**	**0**	**–16**	**14,468**	**2**	**17,528**	**31,719**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-38, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, August 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,235**	**0**	**1,265**	**967**	**-5,444**	**-6**	**0**	**14,017**	**0**	**0**	**12,763**
Natural Gas Plant Liquids and LRGs	**2,095**	**84**	**480**	**17**	**0**	**0**	**-495**	**513**	**0**	**1,668**	**1,133**
Liquefied Petroleum Gases	710	84	349	18	0	0	-103	379	0	679	881
Ethane	5	0	0	(s)	0	0	0	0	0	5	(s)
Other Products[3]	1,380	0	131	(s)	0	0	-392	134	0	985	252
Other Liquids	**59**	**0**	**18**	**84**	**0**	**0**	**0**	**-255**	**0**	**416**	**4,385**
Other Hydrocarbons and Alcohol	59	0	0	0	0	0	0	59	0	0	0
Unfinished Oils	0	0	0	-8	0	0	0	-488	0	480	2,916
Motor Gasoline Blending Components	0	0	18	92	0	0	0	174	0	-64	1,469
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**13**	**14,524**	**(s)**	**909**	**0**	**5**	**187**	**0**	**4**	**15,634**	**11,461**
Finished Motor Gasoline	0	7,687	0	266	0	0	107	0	0	8,060	4,021
Finished Leaded Motor Gasoline	0	4,924	0	217	0	0	-34	0	0	5,107	2,513
Finished Unleaded Motor Gasoline	0	2,763	0	48	0	0	141	0	0	2,952	1,507
Gasohol	0	0	0	1	0	0	0	0	0	1	1
Finished Aviation Gasoline	0	44	0	-12	0	0	26	0	0	58	44
Naphtha-Type Jet Fuel	0	441	0	-2	0	0	-92	0	0	347	340
Kerosene-Type Jet Fuel	0	610	0	-23	0	0	572	0	0	1,159	762
Kerosene	0	4	0	4	0	0	0	0	0	8	37
Distillate Fuel Oil	0	3,670	0	-58	0	0	-426	0	0	3,186	3,475
Residual Fuel Oil	0	281	0	42	0	5	0	0	0	328	443
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	3	-3	0
Special Naphthas	0	3	0	-1	0	0	0	0	0	2	8
Lubricants	0	34	(s)	-2	0	0	0	0	1	31	86
Waxes	0	7	0	-1	0	0	0	0	0	6	6
Petroleum Coke	0	384	0	-54	0	0	0	0	0	330	546
Asphalt	0	778	0	750	0	0	0	0	(s)	1,528	1,688
Road Oil	0	4	0	-1	0	0	0	0	0	3	4
Still Gas	0	553	0	0	0	0	0	0	0	553	0
Miscellaneous Products	13	24	0	1	0	0	0	0	(s)	38	1
Total	**19,402**	**14,608**	**1,763**	**1,977**	**-5,444**	**-1**	**-308**	**14,275**	**4**	**17,718**	**29,742**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, September 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,124**	**0**	**1,448**	**935**	**-5,250**	**-7**	**0**	**13,250**	**0**	**0**	**11,828**
Natural Gas Plant Liquids and LRGs	**1,990**	**95**	**814**	**-58**	**0**	**0**	**-455**	**545**	**0**	**1,842**	**1,191**
Liquefied Petroleum Gases	717	95	758	-45	0	0	-76	381	0	1,069	926
Ethane	4	0	0	(s)	0	0	0	0	0	4	(s)
Other Products[3]	1,269	0	56	-13	0	0	-379	164	0	769	265
Other Liquids	**56**	**0**	**25**	**-287**	**0**	**0**	**0**	**-485**	**0**	**279**	**4,672**
Other Hydrocarbons and Alcohol	56	0	0	0	0	0	0	56	0	0	0
Unfinished Oils	0	0	0	-125	0	0	0	-485	0	360	3,041
Motor Gasoline Blending Components	0	0	25	-162	0	0	0	-56	0	-81	1,631
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**13**	**13,482**	**1**	**249**	**0**	**6**	**216**	**0**	**2**	**13,965**	**11,212**
Finished Motor Gasoline	0	7,201	0	-66	0	0	176	0	0	7,311	4,087
Finished Leaded Motor Gasoline	0	4,704	0	-6	0	0	-25	0	0	4,673	2,519
Finished Unleaded Motor Gasoline	0	2,497	0	-60	0	0	201	0	0	2,638	1,567
Gasohol	0	0	0	0	0	0	0	0	0	0	1
Finished Aviation Gasoline	0	42	0	-7	0	0	25	0	0	60	51
Naphtha-Type Jet Fuel	0	321	0	81	0	0	-108	0	0	294	259
Kerosene-Type Jet Fuel	0	506	0	30	0	0	534	0	0	1,070	732
Kerosene	0	38	0	-17	0	0	0	0	0	21	54
Distillate Fuel Oil	0	3,584	1	-59	0	0	-411	0	(s)	3,114	3,534
Residual Fuel Oil	0	299	0	-8	0	6	0	0	0	297	451
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	(s)	(s)	0
Special Naphthas	0	2	0	2	0	0	0	0	0	4	6
Lubricants	0	20	(s)	10	0	0	0	0	(s)	30	76
Waxes	0	2	0	1	0	0	0	0	(s)	3	5
Petroleum Coke	0	314	0	-57	0	0	0	0	(s)	257	603
Asphalt	0	608	0	339	0	0	0	0	1	946	1,349
Road Oil	0	1	0	1	0	0	0	0	0	2	3
Still Gas	0	524	0	0	0	0	0	0	0	524	0
Miscellaneous Products	13	20	0	-1	0	0	0	0	0	32	2
Total	**18,183**	**13,577**	**2,287**	**840**	**-5,250**	**-1**	**-239**	**13,310**	**2**	**16,085**	**28,903**

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[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, October 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**17,120**	**0**	**1,629**	**-89**	**-5,416**	**-8**	**0**	**13,236**	**0**	**0**	**11,917**
Natural Gas Plant Liquids and LRGs	**2,223**	**72**	**528**	**-66**	**0**	**0**	**-447**	**559**	**0**	**1,751**	**1,257**
Liquefied Petroleum Gases	890	72	468	-61	0	0	-51	403	0	915	987
Ethane	6	0	0	(s)	0	0	0	0	0	6	(s)
Other Products[3]	1,327	0	59	-5	0	0	-396	156	0	829	270
Other Liquids	**69**	**0**	**0**	**176**	**0**	**0**	**0**	**-38**	**0**	**283**	**4,496**
Other Hydrocarbons and Alcohol	69	0	0	0	0	0	0	69	0	0	0
Unfinished Oils	0	0	0	193	0	0	0	-253	0	446	2,848
Motor Gasoline Blending Components	0	0	0	-17	0	0	0	146	0	-163	1,648
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**16**	**13,928**	**1**	**-447**	**0**	**8**	**596**	**0**	**2**	**14,101**	**11,658**
Finished Motor Gasoline	0	7,357	0	-737	0	0	489	0	0	7,109	4,824
Finished Leaded Motor Gasoline	0	4,839	0	-355	0	0	96	0	0	4,580	2,874
Finished Unleaded Motor Gasoline	0	2,518	0	-382	0	0	393	0	0	2,529	1,949
Gasohol	0	0	0	0	0	0	0	0	0	0	1
Finished Aviation Gasoline	0	25	0	-6	0	0	14	0	0	33	57
Naphtha-Type Jet Fuel	0	408	0	-40	0	0	-57	0	0	311	299
Kerosene-Type Jet Fuel	0	476	0	123	0	0	592	0	0	1,191	609
Kerosene	0	50	0	15	0	0	0	0	0	65	39
Distillate Fuel Oil	0	3,669	1	-15	0	0	-442	0	0	3,213	3,549
Residual Fuel Oil	0	477	0	-94	0	8	0	0	0	391	545
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	1	-1	0
Special Naphthas	0	6	1	-4	0	0	0	0	0	3	10
Lubricants	0	30	(s)	-7	0	0	0	0	1	22	83
Waxes	0	9	0	1	0	0	0	0	0	10	4
Petroleum Coke	0	324	0	-58	0	0	0	0	0	266	661
Asphalt	0	558	0	376	0	0	0	0	1	933	973
Road Oil	0	0	0	0	0	0	0	0	0	0	3
Still Gas	0	516	0	0	0	0	0	0	0	516	0
Miscellaneous Products	16	23	0	-1	0	0	0	0	(s)	38	2
Total	**19,427**	**14,000**	**2,158**	**-425**	**-5,416**	**0**	**149**	**13,757**	**2**	**16,134**	**29,328**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, November 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,533**	**0**	**1,738**	**–1,044**	**–4,384**	**–8**	**0**	**12,835**	**0**	**0**	**12,961**
Natural Gas Plant Liquids and LRGs	**2,267**	**110**	**622**	**–54**	**0**	**0**	**–399**	**578**	**0**	**1,967**	**1,311**
Liquefied Petroleum Gases	893	110	570	–33	0	0	–33	435	0	1,072	1,019
Ethane	9	0	0	(s)	0	0	0	0	0	8	(s)
Other Products[3]	1,365	0	52	–21	0	0	–366	143	0	887	291
Other Liquids	**39**	**0**	**0**	**–123**	**0**	**0**	**0**	**–296**	**0**	**212**	**4,619**
Other Hydrocarbons and Alcohol	39	0	0	0	0	0	0	39	0	0	0
Unfinished Oils	0	0	0	115	0	0	0	–244	0	359	2,733
Motor Gasoline Blending Components	0	0	0	–238	0	0	0	–91	0	–147	1,886
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**43**	**13,304**	**1**	**–640**	**0**	**8**	**180**	**0**	**2**	**12,894**	**12,298**
Finished Motor Gasoline	28	7,059	0	–451	0	0	205	0	0	6,840	5,275
Finished Leaded Motor Gasoline	24	4,555	0	–399	0	0	–161	0	0	4,019	3,273
Finished Unleaded Motor Gasoline	3	2,501	0	–52	0	0	366	0	0	2,818	2,001
Gasohol	0	3	0	0	0	0	0	0	0	3	1
Finished Aviation Gasoline	0	20	0	2	0	0	9	0	0	31	55
Naphtha-Type Jet Fuel	0	446	0	–47	0	0	–192	0	0	207	346
Kerosene-Type Jet Fuel	0	531	0	–14	0	0	578	0	0	1,095	623
Kerosene	0	79	0	5	0	0	0	0	0	84	34
Distillate Fuel Oil	0	3,401	(s)	44	0	0	–420	0	0	3,025	3,505
Residual Fuel Oil	0	360	0	31	0	8	0	0	0	399	514
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	(s)	(s)	0
Special Naphthas	0	2	1	2	0	0	0	0	0	5	8
Lubricants	0	9	0	14	0	0	0	0	(s)	23	69
Waxes	0	21	0	–6	0	0	0	0	0	15	10
Petroleum Coke	0	299	0	–52	0	0	0	0	(s)	247	713
Asphalt	0	577	0	–171	0	0	0	0	1	405	1,144
Road Oil	0	0	0	3	0	0	0	0	0	3	0
Still Gas	0	473	0	0	0	0	0	0	0	473	0
Miscellaneous Products	15	27	0	(s)	0	0	0	0	(s)	43	2
Total	**18,881**	**13,414**	**2,361**	**–1,861**	**–4,384**	**0**	**–219**	**13,117**	**2**	**15,073**	**31,189**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 7. PAD District IV Supply and Disposition of Crude Oil and Petroleum Products, December 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**16,943**	**0**	**1,799**	**–496**	**–4,391**	**0**	**0**	**13,855**	**0**	**0**	**13,457**
Natural Gas Plant Liquids and LRGs	**2,375**	**172**	**657**	**56**	**0**	**0**	**–290**	**630**	(s)	**2,340**	**1,255**
Liquefied Petroleum Gases	905	172	571	37	0	0	64	502	(s)	1,247	982
Ethane	29	0	0	–1	0	0	0	0	0	28	1
Other Products[3]	1,441	0	85	20	0	0	–354	128	0	1,065	271
Other Liquids	**75**	**0**	**0**	**–540**	**0**	**0**	**0**	**–766**	**0**	**301**	**5,159**
Other Hydrocarbons and Alcohol	75	0	0	0	0	0	0	75	0	0	0
Unfinished Oils	0	0	0	47	0	0	0	–486	0	533	2,686
Motor Gasoline Blending Components	0	0	0	–587	0	0	0	–355	0	–232	2,473
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Petroleum Products	**67**	**13,877**	**9**	**–1,881**	**0**	**0**	**289**	**0**	**2**	**12,359**	**14,179**
Finished Motor Gasoline	51	7,366	0	–818	0	0	168	0	0	6,766	6,094
Finished Leaded Motor Gasoline	45	4,928	0	–690	0	0	–161	0	0	4,122	3,963
Finished Unleaded Motor Gasoline	6	2,438	0	–130	0	0	329	0	0	2,643	2,131
Gasohol	0	0	0	1	0	0	0	0	0	1	0
Finished Aviation Gasoline	0	26	0	–12	0	0	23	0	0	37	67
Naphtha-Type Jet Fuel	0	418	0	–3	0	0	–170	0	0	245	349
Kerosene-Type Jet Fuel	0	487	0	–15	0	0	656	0	0	1,128	638
Kerosene	0	90	0	–8	0	0	0	0	0	82	42
Distillate Fuel Oil	0	3,651	(s)	–519	0	0	–388	0	0	2,744	4,024
Residual Fuel Oil	0	431	9	–120	0	0	0	0	0	320	634
Naphtha and Other Oils for Petro. Feed. Use	0	0	0	0	0	0	0	0	(s)	(s)	0
Special Naphthas	0	4	(s)	–1	0	0	0	0	(s)	3	9
Lubricants	0	33	0	–15	0	0	0	0	(s)	18	84
Waxes	0	13	0	0	0	0	0	0	0	13	10
Petroleum Coke	0	327	0	–63	0	0	0	0	(s)	264	776
Asphalt	0	489	0	–307	0	0	0	0	1	181	1,451
Road Oil	0	0	0	0	0	0	0	0	0	0	0
Still Gas	0	517	0	0	0	0	0	0	0	517	0
Miscellaneous Products	17	25	0	1	0	0	0	0	(s)	42	1
Total	**19,460**	**14,049**	**2,465**	**–2,861**	**–4,391**	**0**	**–1**	**13,719**	**3**	**15,000**	**34,050**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, January 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**86,558**	**0**	**6,830**	**-3,767**	**-3,941**	**-1,946**	**-15,548**	**62,151**	**6,035**	**0**	**87,639**
Natural Gas Plant Liquids and LRGs	**871**	**745**	**810**	**387**	**0**	**0**	**0**	**1,465**	**196**	**1,153**	**1,817**
Liquefied Petroleum Gases	573	745	800	389	0	0	0	1,214	196	1,097	1,765
Ethane	0	0	0	0	0	0	0	0	0	0	0
Other Products[3]	299	0	10	-2	0	0	0	251	0	56	52
Other Liquids	**361**	**0**	**471**	**869**	**0**	**0**	**0**	**980**	**0**	**721**	**35,009**
Other Hydrocarbons and Alcohol	361	0	0	-1	0	0	0	360	0	0	2
Unfinished Oils	0	0	220	-457	0	0	0	-520	0	283	26,556
Motor Gasoline Blending Components	0	0	251	1,313	0	0	0	1,126	0	438	8,415
Aviation Gasoline Blending Components	0	0	0	14	0	0	0	14	0	0	36
Finished Petroleum Products	**0**	**67,137**	**1,571**	**1,424**	**0**	**1,920**	**2,631**	**0**	**5,456**	**69,227**	**62,303**
Finished Motor Gasoline	0	29,243	979	273	0	0	1,452	0	491	31,456	22,945
Finished Leaded Motor Gasoline	0	13,824	696	-64	0	0	953	0	491	14,918	11,324
Finished Unleaded Motor Gasoline	0	15,329	283	344	0	0	499	0	0	16,455	11,614
Gasohol	0	90	0	-7	0	0	0	0	0	83	7
Finished Aviation Gasoline	0	192	0	15	0	0	0	0	0	207	692
Naphtha-Type Jet Fuel	0	931	0	319	0	0	251	0	0	1,501	1,418
Kerosene-Type Jet Fuel	0	6,376	31	454	0	0	145	0	27	6,979	6,233
Kerosene	0	218	0	84	0	0	0	0	250	52	159
Distillate Fuel Oil	0	10,494	172	429	0	290	439	0	1,019	10,805	14,237
Residual Fuel Oil	0	11,265	336	-153	0	1,630	247	0	1,593	11,732	10,305
Naphtha and Other Oils for Petro. Feed. Use	0	427	40	75	0	0	0	0	409	133	347
Special Naphthas	0	111	12	-24	0	0	0	0	2	98	285
Lubricants	0	328	(s)	-38	0	0	118	0	46	362	1,507
Waxes	0	57	1	2	0	0	0	0	5	55	45
Petroleum Coke	0	3,253	0	-89	0	0	0	0	1,608	1,556	1,562
Asphalt	0	790	0	3	0	0	0	0	2	791	2,293
Road Oil	0	7	0	-1	0	0	0	0	0	6	5
Still Gas	0	3,190	0	0	0	0	0	0	0	3,190	0
Miscellaneous Products	0	255	(s)	75	0	0	-21	0	4	305	270
Total	**87,790**	**67,882**	**9,682**	**-1,087**	**-3,941**	**-26**	**-12,917**	**64,596**	**11,687**	**71,100**	**186,768**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, February 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**78,672**	**0**	**3,780**	**93**	**-1,231**	**-1,793**	**-16,564**	**55,550**	**7,407**	**0**	**87,546**
Natural Gas Plant Liquids and LRGs	**864**	**866**	**471**	**341**	**0**	**0**	**0**	**1,154**	**148**	**1,240**	**1,476**
Liquefied Petroleum Gases	557	862	428	335	0	0	0	861	148	1,173	1,430
Ethane	0	4	0	0	0	0	0	0	0	4	0
Other Products[3]	307	0	43	6	0	0	0	293	0	63	45
Other Liquids	**390**	**0**	**377**	**-567**	**0**	**0**	**210**	**331**	**0**	**79**	**35,576**
Other Hydrocarbons and Alcohol	390	0	0	0	0	0	0	390	0	0	2
Unfinished Oils	0	0	0	78	0	0	210	441	0	-153	26,478
Motor Gasoline Blending Components	0	0	377	-594	0	0	0	-449	0	232	9,009
Aviation Gasoline Blending Components	0	0	0	-51	0	0	0	-51	0	0	87
Finished Petroleum Products	**0**	**59,571**	**1,844**	**2,893**	**0**	**1,766**	**2,280**	**0**	**6,306**	**62,048**	**59,410**
Finished Motor Gasoline	0	23,883	550	2,687	0	0	1,219	0	221	28,118	20,258
Finished Leaded Motor Gasoline	0	11,327	422	853	0	0	753	0	221	13,134	10,471
Finished Unleaded Motor Gasoline	0	12,477	128	1,839	0	0	466	0	0	14,910	9,775
Gasohol	0	79	0	-5	0	0	0	0	0	74	12
Finished Aviation Gasoline	0	113	0	-1	0	0	0	0	0	112	693
Naphtha-Type Jet Fuel	0	1,520	0	98	0	0	215	0	0	1,833	1,320
Kerosene-Type Jet Fuel	0	6,220	26	-280	0	0	160	0	19	6,107	6,513
Kerosene	0	180	(s)	3	0	0	0	0	1	182	156
Distillate Fuel Oil	0	8,981	78	977	0	302	592	0	1,560	9,370	13,260
Residual Fuel Oil	0	11,423	1,167	-522	0	1,464	-26	0	2,705	10,801	10,827
Naphtha and Other Oils for Petro. Feed. Use	0	310	6	-39	0	0	0	0	7	270	386
Special Naphthas	0	54	14	22	0	0	0	0	3	87	263
Lubricants	0	288	(s)	173	0	0	150	0	54	557	1,334
Waxes	0	62	3	-17	0	0	0	0	3	45	62
Petroleum Coke	0	2,592	0	-9	0	0	0	0	1,728	855	1,571
Asphalt	0	902	0	-171	0	0	0	0	2	729	2,464
Road Oil	0	5	0	3	0	0	0	0	0	8	2
Still Gas	0	2,815	0	0	0	0	0	0	0	2,815	0
Miscellaneous Products	0	223	0	-31	0	0	-30	0	4	158	301
Total	**79,926**	**60,437**	**6,471**	**2,760**	**-1,231**	**-27**	**-14,074**	**57,035**	**13,861**	**63,367**	**184,008**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, March 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**86,261**	**0**	**5,095**	**6,831**	**-4,982**	**-1,963**	**-21,950**	**61,305**	**7,987**	**0**	**80,715**
Natural Gas Plant Liquids and LRGs	**1,013**	**1,206**	**497**	**-107**	**0**	**0**	**0**	**1,173**	**152**	**1,284**	**1,583**
Liquefied Petroleum Gases	624	1,191	454	41	0	0	0	852	152	1,305	1,390
Ethane	0	15	0	0	0	0	0	0	0	15	0
Other Products[3]	389	0	43	-148	0	0	0	321	0	-37	193
Other Liquids	**575**	**0**	**209**	**60**	**0**	**0**	**167**	**2,028**	**0**	**-1,017**	**35,516**
Other Hydrocarbons and Alcohol	575	0	0	-2	0	0	0	573	0	0	4
Unfinished Oils	0	0	209	31	0	0	167	1,447	0	-1,040	26,447
Motor Gasoline Blending Components	0	0	0	100	0	0	0	77	0	23	8,909
Aviation Gasoline Blending Components	0	0	0	-69	0	0	0	-69	0	0	156
Finished Petroleum Products	**0**	**66,837**	**2,292**	**3,179**	**0**	**1,933**	**2,187**	**0**	**5,559**	**70,869**	**56,231**
Finished Motor Gasoline	0	28,033	1,042	1,594	0	0	1,611	0	254	32,026	18,664
Finished Leaded Motor Gasoline	0	12,792	681	813	0	0	1,017	0	254	15,049	9,658
Finished Unleaded Motor Gasoline	0	15,154	361	778	0	0	594	0	0	16,887	8,997
Gasohol	0	87	0	3	0	0	0	0	0	90	9
Finished Aviation Gasoline	0	115	0	103	0	0	0	0	0	218	590
Naphtha-Type Jet Fuel	0	1,738	0	-44	0	0	244	0	0	1,938	1,364
Kerosene-Type Jet Fuel	0	7,026	0	-475	0	0	207	0	80	6,678	6,988
Kerosene	0	195	0	-2	0	0	0	0	(s)	193	158
Distillate Fuel Oil	0	8,873	160	2,447	0	304	462	0	1,212	11,034	10,813
Residual Fuel Oil	0	11,918	708	-102	0	1,629	-336	0	1,778	12,038	10,929
Naphtha and Other Oils for Petro. Feed. Use	0	370	4	-12	0	0	0	0	14	348	398
Special Naphthas	0	181	377	-82	0	0	0	0	(s)	476	345
Lubricants	0	368	(s)	-81	0	0	42	0	52	277	1,415
Waxes	0	64	1	6	0	0	0	0	5	67	56
Petroleum Coke	0	3,086	0	45	0	0	0	0	2,157	974	1,526
Asphalt	0	1,367	0	-74	0	0	0	0	3	1,290	2,538
Road Oil	0	27	0	-18	0	0	0	0	0	9	20
Still Gas	0	3,222	0	0	0	0	0	0	0	3,222	0
Miscellaneous Products	0	254	(s)	-126	0	0	-43	0	4	81	427
Total	**87,849**	**68,043**	**8,094**	**9,963**	**-4,982**	**-30**	**-19,596**	**64,506**	**13,698**	**71,136**	**174,045**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, April 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	83,682	0	4,467	268	302	-1,955	-21,377	60,910	4,477	0	80,447
Natural Gas Plant Liquids and LRGs	998	1,354	458	142	0	0	0	1,031	251	1,669	1,441
Liquefied Petroleum Gases	607	1,343	458	41	0	0	0	633	251	1,564	1,348
Ethane	(s)	11	0	(s)	0	0	0	0	0	11	(s)
Other Products[3]	391	0	0	101	0	0	0	398	0	94	92
Other Liquids	569	0	174	497	0	0	0	1,069	0	171	35,019
Other Hydrocarbons and Alcohol	569	0	0	1	0	0	0	570	0	0	3
Unfinished Oils	0	0	174	-736	0	0	0	-787	0	225	27,183
Motor Gasoline Blending Components	0	0	0	1,253	0	0	0	1,307	0	-54	7,656
Aviation Gasoline Blending Components	0	0	0	-21	0	0	0	-21	0	0	177
Finished Petroleum Products	0	64,717	2,428	2,341	0	1,930	3,901	0	6,010	69,307	53,890
Finished Motor Gasoline	0	27,569	1,113	1,340	0	0	1,915	0	123	31,814	17,324
Finished Leaded Motor Gasoline	0	12,719	672	1,187	0	0	891	0	123	15,345	8,471
Finished Unleaded Motor Gasoline	0	14,793	441	150	0	0	1,024	0	0	16,408	8,847
Gasohol	0	57	0	3	0	0	0	0	0	60	6
Finished Aviation Gasoline	0	122	0	19	0	0	0	0	0	141	571
Naphtha-Type Jet Fuel	0	1,592	0	-127	0	0	258	0	(s)	1,723	1,491
Kerosene-Type Jet Fuel	0	5,775	0	-88	0	0	303	0	44	5,946	7,076
Kerosene	0	169	0	3	0	0	0	0	(s)	172	155
Distillate Fuel Oil	0	9,250	272	278	0	373	457	0	816	9,814	10,535
Residual Fuel Oil	0	11,614	707	947	0	1,557	495	0	3,181	12,139	9,982
Naphtha and Other Oils for Petro. Feed. Use	0	487	119	25	0	0	30	0	85	576	373
Special Naphthas	0	63	217	39	0	0	0	0	1	318	306
Lubricants	0	373	(s)	-13	0	0	236	0	54	542	1,428
Waxes	0	66	0	-3	0	0	0	0	3	60	59
Petroleum Coke	0	3,112	0	92	0	0	0	0	1,697	1,507	1,434
Asphalt	0	1,269	0	-185	0	0	238	0	2	1,320	2,723
Road Oil	0	174	0	-6	0	0	0	0	0	168	26
Still Gas	0	2,883	0	0	0	0	0	0	0	2,883	0
Miscellaneous Products	0	199	(s)	20	0	0	-31	0	3	185	407
Total	85,249	66,071	7,527	3,248	302	-25	-17,476	63,010	10,738	71,148	170,797

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, May 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**86,934**	**0**	**5,155**	**1,627**	**-2,056**	**-1,939**	**-18,692**	**63,722**	**7,307**	**0**	**78,820**
Natural Gas Plant Liquids and LRGs	**1,035**	**943**	**397**	**50**	**0**	**0**	**0**	**873**	**172**	**1,380**	**1,391**
Liquefied Petroleum Gases	648	930	397	46	0	0	0	572	172	1,277	1,302
Ethane	(s)	13	0	(s)	0	0	0	0	(s)	13	(s)
Other Products[3]	387	0	0	4	0	0	0	301	0	90	88
Other Liquids	**498**	**0**	**636**	**-617**	**0**	**0**	**0**	**-236**	**0**	**753**	**35,636**
Other Hydrocarbons and Alcohol	498	0	0	-5	0	0	0	493	0	0	8
Unfinished Oils	0	0	252	-1,354	0	0	0	-2,404	0	1,302	28,537
Motor Gasoline Blending Components	0	0	383	737	0	0	0	1,670	0	-550	6,919
Aviation Gasoline Blending Components	0	0	0	5	0	0	0	5	0	0	172
Finished Petroleum Products	**0**	**65,917**	**3,388**	**3,969**	**0**	**1,914**	**3,252**	**0**	**7,356**	**71,084**	**49,921**
Finished Motor Gasoline	0	27,705	2,190	1,080	0	0	1,867	0	19	32,823	16,244
Finished Leaded Motor Gasoline	0	12,543	1,644	513	0	0	1,000	0	19	15,681	7,958
Finished Unleaded Motor Gasoline	0	15,095	546	566	0	0	867	0	0	17,074	8,281
Gasohol	0	67	0	1	0	0	0	0	0	68	5
Finished Aviation Gasoline	0	283	0	-75	0	0	0	0	0	208	646
Naphtha-Type Jet Fuel	0	1,407	191	279	0	0	225	0	(s)	2,102	1,212
Kerosene-Type Jet Fuel	0	5,608	0	1,108	0	0	242	0	27	6,931	5,968
Kerosene	0	191	0	-16	0	0	0	0	(s)	175	171
Distillate Fuel Oil	0	9,988	221	773	0	300	611	0	902	10,991	9,762
Residual Fuel Oil	0	11,121	769	775	0	1,614	325	0	3,750	10,854	9,207
Naphtha and Other Oils for Petro. Feed. Use	0	594	3	36	0	0	0	0	181	452	337
Special Naphthas	0	172	14	-49	0	0	0	0	1	136	355
Lubricants	0	408	(s)	74	0	0	-19	0	49	414	1,354
Waxes	0	58	0	-3	0	0	0	0	4	51	62
Petroleum Coke	0	3,225	0	-9	0	0	0	0	2,418	798	1,443
Asphalt	0	1,735	0	-147	0	0	0	0	2	1,586	2,870
Road Oil	0	16	0	-3	0	0	0	0	0	13	29
Still Gas	0	3,273	0	0	0	0	0	0	0	3,273	0
Miscellaneous Products	0	133	(s)	146	0	0	1	0	3	277	261
Total	**88,467**	**66,860**	**9,576**	**5,029**	**-2,056**	**-25**	**-15,440**	**64,359**	**14,835**	**73,217**	**165,768**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, June 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**83,034**	**0**	**5,348**	**-742**	**-2,513**	**-1,809**	**-18,774**	**61,786**	**2,758**	**0**	**79,562**
Natural Gas Plant Liquids and LRGs	**1,045**	**1,309**	**343**	**-130**	**0**	**0**	**0**	**1,000**	**218**	**1,349**	**1,521**
Liquefied Petroleum Gases	634	1,295	343	-126	0	0	0	722	218	1,206	1,428
Ethane	(s)	14	0	-4	0	0	0	0	0	11	4
Other Products[3]	410	0	0	(s)	0	0	0	278	0	132	88
Other Liquids	**746**	**0**	**387**	**1,640**	**0**	**0**	**181**	**2,120**	**0**	**834**	**33,996**
Other Hydrocarbons and Alcohol	746	0	0	-3	0	0	0	743	0	0	11
Unfinished Oils	0	0	375	2,370	0	0	181	1,836	0	1,090	26,167
Motor Gasoline Blending Components	0	0	12	-756	0	0	0	-488	0	-256	7,675
Aviation Gasoline Blending Components	0	0	0	29	0	0	0	29	0	0	143
Finished Petroleum Products	**0**	**67,705**	**2,307**	**-2,695**	**0**	**1,797**	**2,083**	**0**	**5,903**	**65,294**	**52,616**
Finished Motor Gasoline	0	30,359	1,110	-1,365	0	0	2,165	0	8	32,261	17,609
Finished Leaded Motor Gasoline	0	13,743	901	-154	0	0	1,048	0	8	15,530	8,112
Finished Unleaded Motor Gasoline	0	16,547	210	-1,208	0	0	1,117	0	0	16,666	9,489
Gasohol	0	69	0	-3	0	0	0	0	0	66	8
Finished Aviation Gasoline	0	290	0	28	0	0	10	0	0	328	618
Naphtha-Type Jet Fuel	0	1,532	0	-96	0	0	276	0	0	1,712	1,308
Kerosene-Type Jet Fuel	0	5,906	0	91	0	0	409	0	38	6,368	5,877
Kerosene	0	174	0	-36	0	0	2	0	3	137	207
Distillate Fuel Oil	0	10,193	124	-478	0	294	519	0	1,169	9,482	10,240
Residual Fuel Oil	0	9,552	942	-107	0	1,503	-1,568	0	1,618	8,703	9,314
Naphtha and Other Oils for Petro. Feed. Use	0	369	5	-31	0	0	0	0	567	-224	368
Special Naphthas	0	137	125	7	0	0	0	0	1	268	348
Lubricants	0	394	(s)	-76	0	0	265	0	51	532	1,430
Waxes	0	63	2	3	0	0	0	0	4	64	59
Petroleum Coke	0	3,247	0	-919	0	0	0	0	2,440	-112	2,362
Asphalt	0	1,845	0	214	0	0	0	0	1	2,058	2,656
Road Oil	0	84	0	28	0	0	0	0	0	112	1
Still Gas	0	3,396	0	0	0	0	0	0	0	3,396	0
Miscellaneous Products	0	164	(s)	42	0	0	5	0	3	208	219
Total	**84,825**	**69,014**	**8,385**	**-1,927**	**-2,513**	**-12**	**-16,510**	**64,906**	**8,880**	**67,477**	**167,695**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, July 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**87,310**	**0**	**6,869**	**-3,088**	**-3,122**	**-1,894**	**-16,761**	**63,158**	**6,156**	**0**	**82,650**
Natural Gas Plant Liquids and LRGs	**1,060**	**1,405**	**351**	**-114**	**0**	**0**	**0**	**1,005**	**166**	**1,530**	**1,635**
Liquefied Petroleum Gases	638	1,393	351	-104	0	0	0	711	166	1,401	1,532
Ethane	0	12	0	3	0	0	0	0	0	15	1
Other Products[3]	422	0	0	-14	0	0	0	294	0	114	102
Other Liquids	**522**	**0**	**311**	**285**	**0**	**0**	**190**	**2,310**	**0**	**-1,002**	**33,711**
Other Hydrocarbons and Alcohol	522	0	0	1	0	0	0	523	0	0	10
Unfinished Oils	0	0	175	1,306	0	0	190	2,037	0	-366	24,861
Motor Gasoline Blending Components	0	0	137	-1,077	0	0	0	-305	0	-635	8,752
Aviation Gasoline Blending Components	0	0	0	55	0	0	0	55	0	0	88
Finished Petroleum Products	**0**	**68,569**	**4,180**	**-2,670**	**0**	**1,856**	**4,353**	**0**	**4,232**	**72,056**	**55,286**
Finished Motor Gasoline	0	30,607	2,378	-1,767	0	0	2,144	0	41	33,321	19,376
Finished Leaded Motor Gasoline	0	14,678	1,502	-1,574	0	0	870	0	41	15,435	9,686
Finished Unleaded Motor Gasoline	0	15,856	876	-196	0	0	1,274	0	0	17,810	9,685
Gasohol	0	73	0	3	0	0	0	0	0	76	5
Finished Aviation Gasoline	0	282	0	60	0	0	0	0	0	342	558
Naphtha-Type Jet Fuel	0	1,912	0	-110	0	0	264	0	0	2,066	1,418
Kerosene-Type Jet Fuel	0	6,634	706	-213	0	0	336	0	32	7,431	6,090
Kerosene	0	161	0	18	0	0	0	0	(s)	179	189
Distillate Fuel Oil	0	9,937	321	-392	0	354	701	0	380	10,541	10,632
Residual Fuel Oil	0	8,812	360	25	0	1,502	864	0	1,562	10,000	9,289
Naphtha and Other Oils for Petro. Feed. Use	0	426	63	-14	0	0	0	0	124	351	382
Special Naphthas	0	139	348	9	0	0	0	0	3	493	339
Lubricants	0	459	(s)	-32	0	0	44	0	51	420	1,462
Waxes	0	52	4	12	0	0	0	0	3	64	47
Petroleum Coke	0	3,471	0	-222	0	0	0	0	2,032	1,217	2,584
Asphalt	0	1,785	0	131	0	0	0	0	1	1,915	2,525
Road Oil	0	21	0	-32	0	0	0	0	0	-11	33
Still Gas	0	3,578	0	0	0	0	0	0	0	3,578	0
Miscellaneous Products	0	293	0	-143	0	0	0	0	3	147	362
Total	**88,892**	**69,974**	**11,711**	**-5,587**	**-3,122**	**-38**	**-12,218**	**66,473**	**10,555**	**72,584**	**173,282**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, August 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**87,020**	**0**	**6,592**	**-1,321**	**-934**	**-1,770**	**-17,576**	**63,743**	**8,268**	**0**	**83,971**
Natural Gas Plant Liquids and LRGs	**1,040**	**1,357**	**353**	**-243**	**0**	**0**	**0**	**924**	**109**	**1,474**	**1,878**
Liquefied Petroleum Gases	643	1,354	353	-282	0	0	0	601	109	1,357	1,813
Ethane	0	3	0	1	0	0	0	0	(s)	4	0
Other Products[3]	398	0	0	38	0	0	0	323	0	112	64
Other Liquids	**588**	**0**	**1,101**	**-1,050**	**0**	**0**	**0**	**772**	**0**	**-133**	**34,761**
Other Hydrocarbons and Alcohol	588	0	0	4	0	0	0	592	0	0	6
Unfinished Oils	0	0	1,008	-1,469	0	0	0	-897	0	436	26,330
Motor Gasoline Blending Components	0	0	94	358	0	0	0	1,020	0	-568	8,394
Aviation Gasoline Blending Components	0	0	0	57	0	0	0	57	0	0	31
Finished Petroleum Products	**0**	**67,885**	**3,357**	**2,744**	**0**	**1,756**	**3,287**	**0**	**7,169**	**71,860**	**52,542**
Finished Motor Gasoline	0	29,165	2,085	-177	0	0	1,707	0	12	32,768	19,553
Finished Leaded Motor Gasoline	0	12,767	1,429	340	0	0	1,046	0	12	15,570	9,346
Finished Unleaded Motor Gasoline	0	16,318	656	-515	0	0	661	0	0	17,120	10,200
Gasohol	0	80	0	-2	0	0	0	0	0	78	7
Finished Aviation Gasoline	0	293	0	-10	0	0	0	0	0	283	568
Naphtha-Type Jet Fuel	0	1,715	0	267	0	0	275	0	0	2,257	1,151
Kerosene-Type Jet Fuel	0	6,498	262	209	0	0	288	0	32	7,225	5,881
Kerosene	0	143	245	19	0	0	0	0	0	407	170
Distillate Fuel Oil	0	9,947	172	412	0	298	639	0	802	10,666	10,220
Residual Fuel Oil	0	9,667	302	925	0	1,458	327	0	3,884	8,795	8,364
Naphtha and Other Oils for Petro. Feed. Use	0	552	65	-155	0	0	0	0	68	393	537
Special Naphthas	0	113	203	26	0	0	0	0	1	340	313
Lubricants	0	454	20	75	0	0	91	0	52	588	1,387
Waxes	0	86	4	-22	0	0	0	0	2	65	69
Petroleum Coke	0	3,387	0	846	0	0	0	0	2,313	1,920	1,738
Asphalt	0	2,141	0	343	0	0	0	0	(s)	2,484	2,182
Road Oil	0	18	0	-4	0	0	0	0	0	14	37
Still Gas	0	3,455	0	0	0	0	0	0	0	3,455	0
Miscellaneous Products	0	251	0	-10	0	0	-40	0	2	199	372
Total	**88,648**	**69,242**	**11,403**	**130**	**-934**	**-14**	**-14,289**	**65,439**	**15,546**	**73,201**	**173,152**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, September 1982
(Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**84,691**	**0**	**5,544**	**1,711**	**-6,090**	**-1,721**	**-17,200**	**62,599**	**4,336**	**0**	**82,260**
Natural Gas Plant Liquids and LRGs	**1,061**	**1,261**	**394**	**103**	**0**	**0**	**0**	**919**	**137**	**1,764**	**1,774**
Liquefied Petroleum Gases	637	1,247	394	96	0	0	0	664	137	1,573	1,717
Ethane	0	14	0	0	0	0	0	0	0	14	0
Other Products[3]	424	0	0	7	0	0	0	255	0	176	57
Other Liquids	**488**	**0**	**163**	**-132**	**0**	**0**	**0**	**448**	**0**	**71**	**34,893**
Other Hydrocarbons and Alcohol	488	0	0	1	0	0	0	489	0	0	5
Unfinished Oils	0	0	163	-760	0	0	0	-850	0	253	27,090
Motor Gasoline Blending Components	0	0	0	615	0	0	0	797	0	-182	7,779
Aviation Gasoline Blending Components	0	0	0	12	0	0	0	12	0	0	19
Finished Petroleum Products	**0**	**66,656**	**2,057**	**-2,837**	**0**	**1,674**	**3,195**	**0**	**4,873**	**65,872**	**55,379**
Finished Motor Gasoline	0	28,929	1,195	-372	0	0	1,765	0	242	31,275	19,925
Finished Leaded Motor Gasoline	0	13,257	1,001	-120	0	0	1,055	0	242	14,950	9,466
Finished Unleaded Motor Gasoline	0	15,595	194	-252	0	0	710	0	0	16,247	10,452
Gasohol	0	77	0	0	0	0	0	0	0	77	7
Finished Aviation Gasoline	0	179	0	-11	0	0	21	0	0	189	579
Naphtha-Type Jet Fuel	0	1,635	0	-259	0	0	253	0	0	1,629	1,410
Kerosene-Type Jet Fuel	0	6,958	0	-293	0	0	237	0	41	6,861	6,174
Kerosene	0	179	0	-39	0	0	0	0	(s)	140	209
Distillate Fuel Oil	0	9,980	136	110	0	361	648	0	1,132	10,103	10,110
Residual Fuel Oil	0	8,886	549	-2,054	0	1,313	-11	0	1,237	7,446	10,418
Naphtha and Other Oils for Petro. Feed. Use	0	864	159	-259	0	0	0	0	2	762	796
Special Naphthas	0	112	16	39	0	0	0	0	1	166	274
Lubricants	0	350	(s)	91	0	0	334	0	37	738	1,296
Waxes	0	57	2	2	0	0	0	0	2	59	67
Petroleum Coke	0	3,192	0	-99	0	0	0	0	2,175	918	1,837
Asphalt	0	1,626	0	346	0	0	0	0	(s)	1,972	1,836
Road Oil	0	10	0	10	0	0	0	0	0	20	27
Still Gas	0	3,547	0	0	0	0	0	0	0	3,547	0
Miscellaneous Products	0	152	(s)	-49	0	0	-52	0	3	48	421
Total	**86,240**	**67,917**	**8,158**	**-1,155**	**-6,090**	**-47**	**-14,005**	**63,966**	**9,346**	**67,707**	**174,306**

[1] Unaccounted for crude oil is a balancing item.
[2] Total equals refinery fuel use and loss.
[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.
(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, October 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**87,551**	**0**	**6,723**	**-5,681**	**302**	**-1,599**	**-21,423**	**59,994**	**5,879**	**0**	**87,941**
Natural Gas Plant Liquids and LRGs	**1,071**	**1,216**	**446**	**-349**	**0**	**0**	**0**	**944**	**141**	**1,299**	**2,123**
Liquefied Petroleum Gases	651	1,206	446	-345	0	0	0	710	141	1,106	2,062
Ethane	0	10	0	0	0	0	0	0	0	10	0
Other Products[3]	421	0	0	-4	0	0	0	234	0	183	61
Other Liquids	**855**	**0**	**184**	**906**	**0**	**0**	**-356**	**1,288**	**0**	**301**	**33,987**
Other Hydrocarbons and Alcohol	855	0	0	0	0	0	0	855	0	0	5
Unfinished Oils	0	0	158	1,525	0	0	-356	1,626	0	-299	25,565
Motor Gasoline Blending Components	0	0	26	-600	0	0	0	-1,174	0	600	8,379
Aviation Gasoline Blending Components	0	0	0	-19	0	0	0	-19	0	0	38
Finished Petroleum Products	**0**	**64,552**	**2,499**	**3,542**	**0**	**1,570**	**2,978**	**0**	**6,243**	**68,898**	**51,837**
Finished Motor Gasoline	0	27,975	1,388	726	0	0	1,561	0	7	31,643	19,199
Finished Leaded Motor Gasoline	0	12,604	1,034	209	0	0	1,047	0	7	14,888	9,257
Finished Unleaded Motor Gasoline	0	15,325	354	514	0	0	514	0	0	16,707	9,938
Gasohol	0	46	0	3	0	0	0	0	0	49	4
Finished Aviation Gasoline	0	162	0	-46	0	0	40	0	0	156	625
Naphtha-Type Jet Fuel	0	1,389	0	175	0	0	133	0	(s)	1,697	1,235
Kerosene-Type Jet Fuel	0	6,166	0	729	0	0	224	0	35	7,084	5,445
Kerosene	0	135	0	10	0	0	0	0	(s)	145	199
Distillate Fuel Oil	0	9,804	333	474	0	235	657	0	1,191	10,312	9,636
Residual Fuel Oil	0	9,242	725	820	0	1,335	373	0	2,265	10,229	9,598
Naphtha and Other Oils for Petro. Feed. Use	0	747	29	115	0	0	0	0	4	888	681
Special Naphthas	0	115	19	-10	0	0	0	0	2	122	284
Lubricants	0	305	(s)	-178	0	0	-10	0	49	68	1,474
Waxes	0	53	5	12	0	0	0	0	2	68	55
Petroleum Coke	0	3,140	0	172	0	0	0	0	2,680	632	1,665
Asphalt	0	1,887	0	425	0	0	0	0	2	2,310	1,411
Road Oil	0	8	0	0	0	0	0	0	0	8	27
Still Gas	0	3,284	0	0	0	0	0	0	0	3,284	0
Miscellaneous Products	0	140	0	118	0	0	0	0	5	253	303
Total	**89,477**	**65,768**	**9,852**	**-1,582**	**302**	**-29**	**-18,801**	**62,226**	**12,263**	**70,499**	**175,888**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, November 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**83,574**	**0**	**5,781**	**5,284**	**-7,070**	**-1,529**	**-19,902**	**59,486**	**6,652**	**0**	**82,657**
Natural Gas Plant Liquids and LRGs	**913**	**937**	**627**	**61**	**0**	**0**	**0**	**1,329**	**141**	**1,067**	**2,062**
Liquefied Petroleum Gases	573	927	627	56	0	0	0	1,102	141	940	2,006
Ethane	0	10	0	0	0	0	0	0	0	10	0
Other Products[3]	340	0	0	4	0	0	0	227	0	117	56
Other Liquids	**497**	**0**	**400**	**438**	**0**	**0**	**0**	**2,815**	**0**	**-1,480**	**33,549**
Other Hydrocarbons and Alcohol	497	0	0	1	0	0	0	498	0	0	4
Unfinished Oils	0	0	0	283	0	0	0	1,924	0	-1,641	25,282
Motor Gasoline Blending Components	0	0	400	154	0	0	0	391	0	163	8,225
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	2	0	-2	38
Finished Petroleum Products	**0**	**66,227**	**2,338**	**-373**	**0**	**1,504**	**3,701**	**0**	**6,566**	**66,831**	**52,210**
Finished Motor Gasoline	0	28,733	1,363	190	0	0	1,834	0	12	32,109	19,009
Finished Leaded Motor Gasoline	0	12,944	1,102	-137	0	0	1,240	0	12	15,137	9,394
Finished Unleaded Motor Gasoline	0	15,725	262	329	0	0	594	0	0	16,910	9,609
Gasohol	0	64	0	-2	0	0	0	0	0	62	6
Finished Aviation Gasoline	0	209	0	-41	0	0	0	0	0	168	666
Naphtha-Type Jet Fuel	0	1,686	0	-208	0	0	328	0	0	1,806	1,443
Kerosene-Type Jet Fuel	0	6,308	331	-102	0	0	228	0	23	6,742	5,547
Kerosene	0	109	(s)	76	0	0	0	0	(s)	185	123
Distillate Fuel Oil	0	10,608	268	-1,633	0	233	674	0	410	9,740	11,269
Residual Fuel Oil	0	9,069	332	1,222	0	1,271	475	0	3,346	9,023	8,376
Naphtha and Other Oils for Petro. Feed. Use	0	990	22	-17	0	0	-10	0	1	984	698
Special Naphthas	0	43	16	88	0	0	0	0	1	146	196
Lubricants	0	647	1	283	0	0	182	0	56	1,056	1,191
Waxes	0	49	5	10	0	0	0	0	5	59	45
Petroleum Coke	0	3,430	0	-303	0	0	0	0	2,705	422	1,968
Asphalt	0	954	0	80	0	0	0	0	2	1,032	1,331
Road Oil	0	21	0	-6	0	0	0	0	0	15	33
Still Gas	0	3,262	0	0	0	0	0	0	0	3,262	0
Miscellaneous Products	0	109	0	-12	0	0	-10	0	3	84	315
Total	**84,984**	**67,164**	**9,146**	**5,410**	**-7,070**	**-25**	**-16,201**	**63,630**	**13,360**	**66,417**	**170,478**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 8. PAD District V Supply and Disposition of Crude Oil and Petroleum Products, December 1982 (Thousands of Barrels)

Commodity	Supply							Disposition			Ending Stocks
	Field Production	Refinery Production	Imports	Stock Withdrawal (+) or Addition (-)	Unaccounted For Crude Oil[1]	Crude Used Directly and Losses[2]	Net Receipts	Refinery Inputs	Exports	Products Supplied	
Crude Oil (including lease condensate)	**86,143**	**0**	**6,504**	**2,100**	**-7,275**	**-1,635**	**-16,821**	**63,082**	**5,934**	**0**	**80,557**
Natural Gas Plant Liquids and LRGs	**1,013**	**817**	**673**	**291**	**0**	**0**	**0**	**1,360**	**160**	**1,274**	**1,771**
Liquefied Petroleum Gases	627	800	673	292	0	0	0	1,128	160	1,104	1,714
Ethane	0	17	0	0	0	0	0	0	0	17	0
Other Products[3]	386	0	0	-1	0	0	0	232	0	153	57
Other Liquids	**431**	**0**	**436**	**921**	**0**	**0**	**346**	**2,546**	**0**	**-412**	**32,628**
Other Hydrocarbons and Alcohol	431	0	0	-1	0	0	0	430	0	0	5
Unfinished Oils	0	0	7	341	0	0	346	1,637	0	-943	24,941
Motor Gasoline Blending Components	0	0	429	565	0	0	0	469	0	525	7,660
Aviation Gasoline Blending Components	0	0	0	16	0	0	0	10	0	6	22
Finished Petroleum Products	**0**	**69,397**	**1,653**	**-3,610**	**0**	**1,612**	**3,500**	**0**	**6,474**	**66,079**	**55,820**
Finished Motor Gasoline	0	30,924	920	-1,200	0	0	1,730	0	15	32,359	20,209
Finished Leaded Motor Gasoline	0	13,419	663	-293	0	0	1,071	0	15	14,845	9,687
Finished Unleaded Motor Gasoline	0	17,422	257	-906	0	0	659	0	0	17,432	10,515
Gasohol	0	83	0	-1	0	0	0	0	0	82	7
Finished Aviation Gasoline	0	99	0	52	0	0	0	0	0	151	614
Naphtha-Type Jet Fuel	0	1,333	0	231	0	0	326	0	1	1,889	1,212
Kerosene-Type Jet Fuel	0	6,564	0	286	0	0	271	0	26	7,095	5,261
Kerosene	0	176	1	-23	0	0	0	0	(s)	153	146
Distillate Fuel Oil	0	11,054	97	-1,459	0	297	728	0	495	10,222	12,728
Residual Fuel Oil	0	9,867	618	-966	0	1,315	377	0	2,584	8,628	9,342
Naphtha and Other Oils for Petro. Feed. Use	0	945	1	-117	0	0	0	0	6	823	815
Special Naphthas	0	75	10	-69	0	0	0	0	1	15	265
Lubricants	0	250	(s)	-32	0	0	88	0	63	243	1,223
Waxes	0	70	6	-12	0	0	0	0	6	58	57
Petroleum Coke	0	3,459	0	-273	0	0	0	0	3,273	-87	2,241
Asphalt	0	909	0	-33	0	0	0	0	1	875	1,364
Road Oil	0	12	0	1	0	0	0	0	0	13	32
Still Gas	0	3,508	0	0	0	0	0	0	0	3,508	0
Miscellaneous Products	0	152	0	4	0	0	-20	0	3	133	311
Total	**87,587**	**70,214**	**9,266**	**-298**	**-7,275**	**-23**	**-12,975**	**66,988**	**12,568**	**66,940**	**170,776**

[1] Unaccounted for crude oil is a balancing item.

[2] Total equals refinery fuel use and loss.

[3] Includes natural gasoline, isopentane, unfractionated stream, and plant condensate.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; Form EIA-90, "Crude Oil Stocks Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts"; Bureau of the Census Export Tabulations EM522 and EM594, and Import Tabulation IM145; State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] January 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,378	77
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	249	8
Total	3,066	99
PAD District II		
Illinois	1,857	60
Indiana	472	15
Kansas	5,521	178
Kentucky	489	16
Michigan	2,427	78
Missouri	17	1
Nebraska	561	18
North Dakota	3,543	114
Ohio	1,237	40
Oklahoma	13,092	422
South Dakota	97	3
Tennessee	70	2
Total	29,383	948
PAD District III		
Alabama	1,635	53
Arkansas	1,601	52
Louisiana		
Gulf Coast	34,343	1,108
Rest Of State	2,876	93
Total Louisiana	37,219	1,201
Mississippi	2,784	90
New Mexico		
Northwestern	615	20
Southeastern	5,387	174
Total New Mexico	6,002	194
Texas		
TRRC District 01	2,140	69
TRRC District 02	3,396	110
TRRC District 03	11,002	355
TRRC District 04	2,462	79
TRRC District 05	688	22
TRRC District 06, excluding East Texas	3,600	116
TRRC District 07B	2,648	85
TRRC District 07C	2,777	90
TRRC District 08	19,413	626
TRRC District 08A	20,775	670
TRRC District 09	3,074	99
TRRC District 10	1,801	58
East Texas	4,627	149
Total Texas	78,403	2,529
Total	127,644	4,118
PAD District IV		
Colorado	2,609	84
Montana	2,538	82
Utah	1,948	63
Wyoming	10,047	324
Total	17,142	553
PAD District V		
Alaska		
South Alaska	2,396	77
North Slope	50,450	1,627
Total Alaska	52,846	1,705
Arizona	30	1
California		
Central Coastal	6,368	205
East Central	20,375	657
North	16	1
South	6,868	222
Total California	33,627	1,085
Nevada	55	2
Total	86,558	2,792
United States Total	263,793	8,509

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] February 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,154	77
New York	65	2
Pennsylvania	330	12
Virginia	4	(s)
West Virginia	254	9
Total	2,807	100
PAD District II		
Illinois	1,684	60
Indiana	427	15
Kansas	5,119	183
Kentucky	496	18
Michigan	2,624	94
Missouri	15	1
Nebraska	533	19
North Dakota	3,409	122
Ohio	1,118	40
Oklahoma	14,030	501
South Dakota	86	3
Tennessee	61	2
Total	29,602	1,057
PAD District III		
Alabama	1,603	57
Arkansas	1,446	52
Louisiana		
Gulf Coast	31,493	1,125
Rest Of State	2,779	99
Total Louisiana	34,272	1,224
Mississippi	2,506	90
New Mexico		
Northwestern	532	19
Southeastern	4,954	177
Total New Mexico	5,486	196
Texas		
TRRC District 01	2,002	72
TRRC District 02	3,101	111
TRRC District 03	10,465	374
TRRC District 04	2,225	79
TRRC District 05	638	23
TRRC District 06, excluding East Texas	3,349	120
TRRC District 07B	2,476	88
TRRC District 07C	2,555	91
TRRC District 08	17,722	633
TRRC District 08A	18,607	665
TRRC District 09	2,826	101
TRRC District 10	1,561	56
East Texas	4,117	147
Total Texas	71,644	2,559
Total	116,957	4,177
PAD District IV		
Colorado	2,352	84
Montana	2,436	87
Utah	1,760	63
Wyoming	9,075	324
Total	15,623	558
PAD District V		
Alaska		
South Alaska	2,127	76
North Slope	45,656	1,631
Total Alaska	47,783	1,707
Arizona	27	1
California		
Central Coastal	5,872	210
East Central	18,676	667
North	16	1
South	6,252	223
Total California	30,816	1,101
Nevada	46	2
Total	78,672	2,810
United States Total	243,661	8,702

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] March 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,381	77
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	276	9
Total	3,096	100
PAD District II		
Illinois	2,362	76
Indiana	472	15
Kansas	6,200	200
Kentucky	617	20
Michigan	2,696	87
Missouri	17	1
Nebraska	606	20
North Dakota	3,807	123
Ohio	1,237	40
Oklahoma	13,425	433
South Dakota	105	3
Tennessee	79	3
Total	31,623	1,020
PAD District III		
Alabama	1,687	54
Arkansas	1,601	52
Louisiana		
Gulf Coast	35,238	1,137
Rest Of State	3,069	99
Total Louisiana	38,307	1,236
Mississippi	2,842	92
New Mexico		
Northwestern	566	18
Southeastern	5,617	181
Total New Mexico	6,183	199
Texas		
TRRC District 01	2,269	73
TRRC District 02	3,124	101
TRRC District 03	11,659	376
TRRC District 04	2,470	80
TRRC District 05	708	23
TRRC District 06, excluding East Texas	3,672	118
TRRC District 07B	2,810	91
TRRC District 07C	2,883	93
TRRC District 08	19,945	643
TRRC District 08A	20,560	663
TRRC District 09	3,175	102
TRRC District 10	1,888	61
East Texas	4,564	147
Total Texas	79,727	2,572
Total	130,347	4,205
PAD District IV		
Colorado	2,725	88
Montana	2,640	85
Utah	1,948	63
Wyoming	10,047	324
Total	17,360	560
PAD District V		
Alaska		
South Alaska	2,329	75
North Slope	50,262	1,621
Total Alaska	52,591	1,696
Arizona	29	1
California		
Central Coastal	6,408	207
East Central	20,282	654
North	17	1
South	6,880	222
Total California	33,587	1,083
Nevada	54	2
Total	86,261	2,783
United States Total	268,687	8,667

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] April 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,154	72
New York	68	2
Pennsylvania	351	12
Virginia	4	(s)
West Virginia	272	9
Total	2,849	95
PAD District II		
Illinois	2,258	75
Indiana	458	15
Kansas	5,965	199
Kentucky	607	20
Michigan	2,508	84
Missouri	17	1
Nebraska	593	20
North Dakota	3,740	125
Ohio	1,198	40
Oklahoma	10,795	360
South Dakota	101	3
Tennessee	88	3
Total	28,328	944
PAD District III		
Alabama	1,567	52
Arkansas	1,549	52
Louisiana		
Gulf Coast	34,056	1,135
Rest Of State	2,901	97
Total Louisiana	36,957	1,232
Mississippi	2,510	84
New Mexico		
Northwestern	569	19
Southeastern	5,479	183
Total New Mexico	6,048	202
Texas		
TRRC District 01	2,182	73
TRRC District 02	3,339	111
TRRC District 03	11,306	377
TRRC District 04	2,411	80
TRRC District 05	666	22
TRRC District 06, excluding East Texas	3,526	118
TRRC District 07B	2,739	91
TRRC District 07C	2,779	93
TRRC District 08	19,225	641
TRRC District 08A	19,896	663
TRRC District 09	3,141	105
TRRC District 10	1,831	61
East Texas	4,375	146
Total Texas	77,416	2,581
Total	126,047	4,202
PAD District IV		
Colorado	2,639	88
Montana	2,584	86
Utah	1,885	63
Wyoming	9,724	324
Total	16,832	561
PAD District V		
Alaska		
South Alaska	2,225	74
North Slope	48,518	1,617
Total Alaska	50,743	1,691
Arizona	29	1
California		
Central Coastal	6,268	209
East Central	19,831	661
North	17	1
South	6,746	225
Total California	32,862	1,095
Nevada	48	2
Total	83,682	2,789
United States Total	257,738	8,591

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (Including Lease Condensate) by PAD District and State,[1] May 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,204	71
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	241	8
Total	2,884	93
PAD District II		
Illinois	2,221	72
Indiana	472	15
Kansas	5,935	191
Kentucky	601	19
Michigan	2,517	81
Missouri	17	1
Nebraska	595	19
North Dakota	3,932	127
Ohio	1,237	40
Oklahoma	14,153	457
South Dakota	99	3
Tennessee	108	3
Total	31,887	1,029
PAD District III		
Alabama	1,769	57
Arkansas	1,601	52
Louisiana		
Gulf Coast	35,937	1,159
Rest Of State	2,989	96
Total Louisiana	38,926	1,256
Mississippi	2,850	92
New Mexico		
Northwestern	527	17
Southeastern	5,532	178
Total New Mexico	6,059	195
Texas		
TRRC District 01	2,264	73
TRRC District 02	3,463	112
TRRC District 03	11,653	376
TRRC District 04	2,438	79
TRRC District 05	670	22
TRRC District 06, excluding East Texas	3,567	115
TRRC District 07B	2,743	88
TRRC District 07C	2,817	91
TRRC District 08	19,606	632
TRRC District 08A	20,349	656
TRRC District 09	3,153	102
TRRC District 10	1,798	58
East Texas	4,504	145
Total Texas	79,025	2,549
Total	130,230	4,201
PAD District IV		
Colorado	2,654	86
Montana	2,602	84
Utah	1,948	63
Wyoming	10,047	324
Total	17,251	556
PAD District V		
Alaska		
South Alaska	2,300	74
North Slope	50,621	1,633
Total Alaska	52,921	1,707
Arizona	29	1
California		
Central Coastal	6,395	206
East Central	20,578	664
North	17	1
South	6,947	224
Total California	33,937	1,095
Nevada	47	2
Total	86,934	2,804
United States Total	269,186	8,683

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] June 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,141	71
New York	68	2
Pennsylvania	351	12
Virginia	5	(s)
West Virginia	230	8
Total	2,795	93
PAD District II		
Illinois	2,370	79
Indiana	458	15
Kansas	6,055	202
Kentucky	636	21
Michigan	2,828	94
Missouri	17	1
Nebraska	569	19
North Dakota	3,905	130
Ohio	1,198	40
Oklahoma	13,316	444
South Dakota	101	3
Tennessee	110	4
Total	31,563	1,052
PAD District III		
Alabama	1,710	57
Arkansas	1,549	52
Louisiana		
Gulf Coast	34,679	1,156
Rest Of State	2,928	98
Total Louisiana	37,607	1,254
Mississippi	2,779	93
New Mexico		
Northwestern	524	17
Southeastern	5,304	177
Total New Mexico	5,828	194
Texas		
TRRC District 01	2,167	72
TRRC District 02	3,305	110
TRRC District 03	11,163	372
TRRC District 04	2,329	78
TRRC District 05	640	21
TRRC District 06, excluding East Texas	3,399	113
TRRC District 07B	2,645	88
TRRC District 07C	2,658	89
TRRC District 08	18,827	628
TRRC District 08A	19,530	651
TRRC District 09	2,992	100
TRRC District 10	1,709	57
East Texas	4,362	145
Total Texas	75,726	2,524
Total	125,199	4,173
PAD District IV		
Colorado	2,621	87
Montana	2,562	85
Utah	1,885	63
Wyoming	9,724	324
Total	16,792	560
PAD District V		
Alaska		
South Alaska	2,244	75
North Slope	47,707	1,590
Total Alaska	49,951	1,665
Arizona	27	1
California		
Central Coastal	6,216	207
East Central	20,081	669
North	17	1
South	6,695	223
Total California	33,009	1,100
Nevada	47	2
Total	83,034	2,768
United States Total	259,383	8,646

[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

and State,[1] July 1982
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,170	70
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	279	9
Total	2,888	93
PAD District II		
Illinois	2,477	80
Indiana	472	15
Kansas	6,192	200
Kentucky	609	20
Michigan	2,697	87
Missouri	17	1
Nebraska	588	19
North Dakota	4,048	131
Ohio	1,237	40
Oklahoma	13,055	421
South Dakota	100	3
Tennessee	101	3
Total	31,593	1,019
PAD District III		
Alabama	1,856	60
Arkansas	1,601	52
Louisiana		
Gulf Coast	36,194	1,168
Rest Of State	3,015	97
Total Louisiana	39,209	1,265
Mississippi	2,885	93
New Mexico		
Northwestern	484	16
Southeastern	5,479	177
Total New Mexico	5,963	192
Texas		
TRRC District 01	2,228	72
TRRC District 02	3,386	109
TRRC District 03	11,306	365
TRRC District 04	2,377	77
TRRC District 05	656	21
TRRC District 06, excluding East Texas	3,496	113
TRRC District 07B	2,750	89
TRRC District 07C	2,751	89
TRRC District 08	19,400	626
TRRC District 08A	20,213	652
TRRC District 09	3,168	102
TRRC District 10	1,703	55
East Texas	4,408	142
Total Texas	77,842	2,511
Total	129,356	4,173
PAD District IV		
Colorado	2,600	84
Montana	2,655	86
Utah	1,949	63
Wyoming	10,047	324
Total	17,251	556
PAD District V		
Alaska		
South Alaska	2,320	75
North Slope	50,695	1,635
Total Alaska	53,015	1,710
Arizona	30	1
California		
Central Coastal	6,551	211
East Central	20,775	670
North	17	1
South	6,875	222
Total California	34,218	1,104
Nevada	47	2
Total	87,310	2,816
United States Total	268,398	8,658

[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (Including Lease Condensate) by PAD District and State,[1] August 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,063	67
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	295	10
Total	2,797	90
PAD District II		
Illinois	2,528	82
Indiana	472	15
Kansas	5,951	192
Kentucky	659	21
Michigan	2,772	89
Missouri	17	1
Nebraska	581	19
North Dakota	4,141	134
Ohio	1,237	40
Oklahoma	13,083	422
South Dakota	102	3
Tennessee	104	3
Total	31,647	1,021
PAD District III		
Alabama	1,684	54
Arkansas	1,601	52
Louisiana		
Gulf Coast	36,332	1,172
Rest Of State	3,030	98
Total Louisiana	39,362	1,270
Mississippi	2,889	93
New Mexico		
Northwestern	511	16
Southeastern	5,504	178
Total New Mexico	6,015	194
Texas		
TRRC District 01	2,197	71
TRRC District 02	3,416	110
TRRC District 03	10,764	347
TRRC District 04	2,358	76
TRRC District 05	667	22
TRRC District 06, excluding East Texas	3,537	114
TRRC District 07B	2,774	89
TRRC District 07C	2,805	90
TRRC District 08	19,402	626
TRRC District 08A	20,100	648
TRRC District 09	3,203	103
TRRC District 10	1,748	56
East Texas	4,422	143
Total Texas	77,393	2,497
Total	128,944	4,159
PAD District IV		
Colorado	2,554	82
Montana	2,685	87
Utah	1,949	63
Wyoming	10,047	324
Total	17,235	556
PAD District V		
Alaska		
South Alaska	2,368	76
North Slope	50,247	1,621
Total Alaska	52,615	1,697
Arizona	29	1
California		
Central Coastal	6,587	212
East Central	20,892	674
North	16	1
South	6,831	220
Total California	34,326	1,107
Nevada	50	2
Total	87,020	2,807
United States Total	267,643	8,634

[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

and State,[1] September 1982
(Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,008	67
New York	68	2
Pennsylvania	351	12
Virginia	4	(s)
West Virginia	290	10
Total	2,721	91
PAD District II		
Illinois	2,512	84
Indiana	458	15
Kansas	5,985	200
Kentucky	643	21
Michigan	2,631	88
Missouri	17	1
Nebraska	557	19
North Dakota	4,068	136
Ohio	1,198	40
Oklahoma	13,692	456
South Dakota	95	3
Tennessee	110	4
Total	31,966	1,066
PAD District III		
Alabama	1,548	52
Arkansas	1,549	52
Louisiana		
Gulf Coast	34,806	1,160
Rest Of State	2,959	99
Total Louisiana	37,765	1,259
Mississippi	2,734	91
New Mexico		
Northwestern	487	16
Southeastern	5,362	179
Total New Mexico	5,849	195
Texas		
TRRC District 01	2,119	71
TRRC District 02	3,167	106
TRRC District 03	10,586	353
TRRC District 04	2,280	76
TRRC District 05	650	22
TRRC District 06, excluding East Texas	3,446	115
TRRC District 07B	2,716	91
TRRC District 07C	2,753	92
TRRC District 08	19,856	662
TRRC District 08A	19,360	645
TRRC District 09	3,126	104
TRRC District 10	1,707	57
East Texas	4,315	144
Total Texas	76,081	2,536
Total	125,526	4,184
PAD District IV		
Colorado	2,469	82
Montana	2,546	85
Utah	1,385	46
Wyoming	9,724	324
Total	16,124	537
PAD District V		
Alaska		
South Alaska	2,271	76
North Slope	48,876	1,629
Total Alaska	51,147	1,705
Arizona	28	1
California		
Central Coastal	6,366	212
East Central	20,437	681
North	16	1
South	6,652	222
Total California	33,471	1,116
Nevada	45	2
Total	84,691	2,823
United States Total	261,028	8,701

[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (including Lease Condensate) by PAD District and State,[1] October 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,049	66
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	291	9
Total	2,779	90
PAD District II		
Illinois	2,554	82
Indiana	472	15
Kansas	5,943	192
Kentucky	640	21
Michigan	2,717	88
Missouri	17	1
Nebraska	574	19
North Dakota	4,180	135
Ohio	1,238	40
Oklahoma	13,533	437
South Dakota	92	3
Tennessee	103	3
Total	32,063	1,034
PAD District III		
Alabama	1,499	48
Arkansas	1,601	52
Louisiana		
Gulf Coast	36,908	1,191
Rest Of State	3,057	99
Total Louisiana	39,965	1,289
Mississippi	2,834	91
New Mexico		
Northwestern	512	17
Southeastern	5,707	184
Total New Mexico	6,219	201
Texas		
TRRC District 01	2,128	69
TRRC District 02	3,439	111
TRRC District 03	11,496	371
TRRC District 04	2,368	76
TRRC District 05	660	21
TRRC District 06, excluding East Texas	3,532	114
TRRC District 07B	2,798	90
TRRC District 07C	2,866	92
TRRC District 08	19,567	631
TRRC District 08A	19,873	641
TRRC District 09	3,252	105
TRRC District 10	1,698	55
East Texas	4,437	143
Total Texas	78,114	2,520
Total	130,232	4,201
PAD District IV		
Colorado	2,534	82
Montana	2,590	84
Utah	1,949	63
Wyoming	10,047	324
Total	17,120	552
PAD District V		
Alaska		
South Alaska	2,314	75
North Slope	50,565	1,631
Total Alaska	52,879	1,706
Arizona	26	1
California		
Central Coastal	6,560	212
East Central	21,208	684
North	17	1
South	6,810	220
Total California	34,595	1,116
Nevada	51	2
Total	87,551	2,824
United States Total	269,745	8,701

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (Including Lease Condensate) by PAD Distri and State,[1] November 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	1,878	63
New York	68	2
Pennsylvania	351	12
Virginia	4	(s)
West Virginia	281	9
Total	2,582	86
PAD District II		
Illinois	2,471	82
Indiana	458	15
Kansas	5,844	195
Kentucky	704	23
Michigan	2,633	88
Missouri	17	1
Nebraska	554	18
North Dakota	4,119	137
Ohio	1,198	40
Oklahoma	13,205	440
South Dakota	89	3
Tennessee	96	3
Total	31,388	1,046
PAD District III		
Alabama	1,713	57
Arkansas	1,549	52
Louisiana		
Gulf Coast	35,839	1,195
Rest Of State	2,858	95
Total Louisiana	38,697	1,290
Mississippi	2,726	91
New Mexico		
Northwestern	524	17
Southeastern	5,552	185
Total New Mexico	6,076	203
Texas		
TRRC District 01	2,034	68
TRRC District 02	3,391	113
TRRC District 03	11,091	370
TRRC District 04	2,294	76
TRRC District 05	653	22
TRRC District 06, excluding East Texas	3,441	115
TRRC District 07B	2,746	92
TRRC District 07C	3,072	102
TRRC District 08	18,909	630
TRRC District 08A	19,278	643
TRRC District 09	3,173	106
TRRC District 10	1,690	56
East Texas	4,308	144
Total Texas	76,080	2,536
Total	126,841	4,228
PAD District IV		
Colorado	2,401	80
Montana	2,523	84
Utah	1,885	63
Wyoming	9,724	324
Total	16,533	551
PAD District V		
Alaska		
South Alaska	2,239	75
North Slope	48,033	1,601
Total Alaska	50,272	1,676
Arizona	26	1
California		
Central Coastal	6,417	214
East Central	20,306	677
North	16	1
South	6,479	216
Total California	33,218	1,107
Nevada	58	2
Total	83,574	2,786
United States Total	260,918	8,697

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 9. Production of Crude Oil (Including Lease Condensate) by PAD District and State,[1] December 1982 (Thousands of Barrels)

PAD District and State	Production	
	Total	Daily Average
PAD District I		
Florida	2,046	66
New York	71	2
Pennsylvania	364	12
Virginia	4	(s)
West Virginia	269	9
Total	2,754	89
PAD District II		
Illinois	2,416	78
Indiana	472	15
Kansas	5,815	188
Kentucky	648	21
Michigan	2,412	78
Missouri	17	1
Nebraska	561	18
North Dakota	4,379	141
Ohio	1,238	40
Oklahoma	13,242	427
South Dakota	91	3
Tennessee	102	3
Total	31,393	1,013
PAD District III		
Alabama	1,743	56
Arkansas	1,601	52
Louisiana		
Gulf Coast	37,306	1,203
Rest Of State	2,803	90
Total Louisiana	40,109	1,294
Mississippi	2,708	87
New Mexico		
Northwestern	564	18
Southeastern	4,732	153
Total New Mexico	5,296	171
Texas		
TRRC District 01	2,098	68
TRRC District 02	3,428	111
TRRC District 03	11,477	370
TRRC District 04	2,388	77
TRRC District 05	716	23
TRRC District 06, excluding East Texas	3,532	114
TRRC District 07B	2,811	91
TRRC District 07C	2,922	94
TRRC District 08	19,401	626
TRRC District 08A	19,589	632
TRRC District 09	3,202	103
TRRC District 10	1,845	60
East Texas	4,436	143
Total Texas	77,845	2,511
Total	129,302	4,171
PAD District IV		
Colorado	2,387	77
Montana	2,560	83
Utah	1,949	63
Wyoming	10,047	324
Total	16,943	547
PAD District V		
Alaska		
South Alaska	2,271	73
North Slope	49,876	1,609
Total Alaska	52,147	1,682
Arizona	25	1
California		
Central Coastal	6,467	209
East Central	20,646	666
North	17	1
South	6,776	219
Total California	33,906	1,094
Nevada	65	2
Total	86,143	2,779
United States Total	266,535	8,598

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[1] Includes offshore production. The EIA did not receive final crude oil production data from the following states in time for publication: Arkansas, California, Colorado, Texas, Utah, and Wyoming.

(s) Less than 500 barrels.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] January 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,122	68
California		
Federal	2,275	73
State	3,359	108
California, Total	5,634	182
Louisiana		
Federal	21,484	693
State	2,048	66
Louisiana, Total	23,532	759
Texas		
Federal	1,097	35
State	129	4
Texas, Total	1,226	40
United States Total	32,514	1,049

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Lease Condensate) by State,[1] February 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	1,882	67
California		
Federal	2,114	76
State	3,060	109
California, Total	5,174	185
Louisiana		
Federal	19,569	699
State	1,858	66
Louisiana, Total	21,427	765
Texas		
Federal	1,141	41
State	117	4
Texas, Total	1,258	45
United States Total	29,741	1,062

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] March 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,062	67
California		
Federal	2,316	75
State	3,324	107
California, Total	5,640	182
Louisiana		
Federal	21,831	704
State	2,128	69
Louisiana, Total	23,959	773
Texas		
Federal	1,429	46
State	131	4
Texas, Total	1,560	50
United States Total	33,221	1,072

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] April 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	1,951	65
California		
Federal	2,290	76
State	3,296	110
California, Total	5,586	186
Louisiana		
Federal	21,079	703
State	2,060	69
Louisiana, Total	23,139	771
Texas		
Federal	1,433	48
State	124	4
Texas, Total	1,557	52
United States Total	32,233	1,074

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Lease Condensate) by State,[1] May 1982
(Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,037	66
California		
Federal	2,298	74
State	3,418	110
California, Total	5,716	184
Louisiana		
Federal	22,693	732
State	2,125	69
Louisiana, Total	24,818	801
Texas		
Federal	1,518	49
State	127	4
Texas, Total	1,645	53
United States Total	34,216	1,104

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Lease Condensate) by State,[1] June 1982
(Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	1,977	66
California		
Federal	2,253	75
State	3,289	110
California, Total	5,542	185
Louisiana		
Federal	21,996	733
State	2,132	71
Louisiana, Total	24,128	804
Texas		
Federal	1,377	46
State	126	4
Texas, Total	1,503	50
United States Total	33,150	1,105

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) by State,[1] July 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,061	66
California		
Federal	2,460	79
State	3,381	109
California, Total	5,841	188
Louisiana		
Federal	23,078	744
State	2,221	72
Louisiana, Total	25,299	816
Texas		
Federal	1,464	47
State	139	4
Texas, Total	1,603	52
United States Total	34,804	1,123

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (including Lease Condensate) by State,[1] August 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,117	68
California		
Federal	2,491	80
State	3,356	108
California, Total	5,847	189
Louisiana		
Federal	23,450	756
State	2,107	68
Louisiana, Total	25,557	824
Texas		
Federal	1,283	41
State	139	4
Texas, Total	1,422	46
United States Total	34,943	1,127

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] September 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,022	67
California		
Federal	2,423	81
State	3,281	109
California, Total	5,704	190
Louisiana		
Federal	22,437	748
State	1,982	66
Louisiana, Total	24,419	814
Texas		
Federal	1,457	49
State	139	5
Texas, Total	1,596	53
United States Total	33,741	1,125

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Lease Condensate) by State,[1] October 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,037	66
California		
Federal	2,530	82
State	3,233	104
California, Total	5,763	186
Louisiana		
Federal	23,899	771
State	2,115	68
Louisiana, Total	26,014	839
Texas		
Federal	1,553	50
State	142	5
Texas, Total	1,695	55
United States Total	35,509	1,145

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[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] November 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	1,959	65
California		
Federal	2,456	82
State	3,164	105
California, Total	5,620	187
Louisiana		
Federal	23,371	779
State	2,003	67
Louisiana, Total	25,374	846
Texas		
Federal	1,584	53
State	131	4
Texas, Total	1,715	57
United States Total	34,668	1,156

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 10. Offshore Production of Crude Oil (Including Lease Condensate) by State,[1] December 1982 (Thousands of Barrels)

State	Offshore Production	
	Total	Daily Average
Alaska[2]	2,003	65
California		
Federal	2,490	80
State	3,363	108
California, Total	5,853	189
Louisiana		
Federal	24,759	799
State	2,047	66
Louisiana, Total	26,806	865
Texas		
Federal	1,743	56
State	136	4
Texas, Total	1,879	61
United States Total	36,541	1,179

[1] These production data are included in Table 9. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

[2] All offshore production within State boundaries.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	955	31
California	15	(s)
Louisiana	6,258	202
Mississippi	188	6
New Mexico	467	15
Oklahoma	863	28
Texas	3,842	124
Total	12,588	406

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] March 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	991	32
California	12	(s)
Louisiana	6,307	203
Mississippi	176	6
New Mexico	482	16
Oklahoma	933	30
Texas	3,877	125
Total	12,778	412

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

(Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	957	34
California	12	(s)
Louisiana	5,793	207
Mississippi	150	5
New Mexico	424	15
Oklahoma	999	36
Texas	3,572	128
Total	11,907	425

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] April 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	881	29
California	11	(s)
Louisiana	5,911	197
Mississippi	141	5
New Mexico	444	15
Oklahoma	671	22
Texas	3,651	122
Total	11,710	390

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] May 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,057	34
California	12	(s)
Louisiana	5,808	187
Mississippi	161	5
New Mexico	381	12
Oklahoma	961	31
Texas	3,678	119
Total	12,058	389

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] July 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,168	38
California	11	(s)
Louisiana	5,722	185
Mississippi	170	5
New Mexico	328	11
Oklahoma	847	27
Texas	3,437	111
Total	11,683	377

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Table 11. Production of Lease Condensate by State,[1] June 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,038	35
California	12	(s)
Louisiana	5,590	186
Mississippi	162	5
New Mexico	348	12
Oklahoma	893	30
Texas	3,488	116
Total	11,531	384

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] August 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	995	32
California	11	(s)
Louisiana	5,492	177
Mississippi	164	5
New Mexico	333	11
Oklahoma	812	26
Texas	3,468	112
Total	11,275	364

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Table 11. Production of Lease Condensate by State,[1] September 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	902	30
California	10	(s)
Louisiana	5,320	177
Mississippi	154	5
New Mexico	299	10
Oklahoma	961	32
Texas	3,407	114
Total	11,053	368

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] November 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,050	35
California	9	(s)
Louisiana	5,615	187
Mississippi	159	5
New Mexico	319	11
Oklahoma	770	26
Texas	3,552	118
Total	11,474	382

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] October 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	844	27
California	11	(s)
Louisiana	5,466	176
Mississippi	183	6
New Mexico	286	9
Oklahoma	882	28
Texas	3,602	116
Total	11,274	364

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 11. Production of Lease Condensate by State,[1] December 1982 (Thousands of Barrels)

State	Lease Condensate Production	
	Total	Daily Average
Alabama	1,064	34
California	7	(s)
Louisiana	5,645	182
Mississippi	147	5
New Mexico	398	13
Oklahoma	756	24
Texas	4,076	131
Total	12,093	390

[1] These production data are included in Table 9. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available. The EIA did not receive final crude oil production data from the following states in time for publication: California and Texas.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] January 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	537	519	1,056	2	1,980	308	7,775	10,064	18,338	3,300	7,524	1,206	3,947	34,314	2,247	871	48,553
Isopentane	0	0	0	0	0	0	296	296	285	60	127	0	0	472	2	0	770
Natural Gasoline	76	30	106	0	78	77	1,295	1,451	1,860	328	1,327	200	298	4,014	366	346	6,283
Unfractionated Stream	0	206	206	2	820	23	-2,400	-1,555	8,709	-11,821	-86	101	2,536	-560	1,062	-48	-895
Plant Condensate	0	0	0	0	73	0	26	99	179	843	55	9	1	1,087	7	0	1,193
Liquefied Petroleum Gases and Ethane	461	283	745	0	1,008	207	8,558	9,773	7,304	13,889	6,100	895	1,112	29,300	810	573	41,202
Ethane	180	147	327	0	439	0	1,370	1,809	979	2,809	2,137	58	86	6,069	24	0	8,229
Propane	179	92	270	0	441	131	3,447	4,020	2,770	4,510	2,187	257	533	10,257	493	337	15,377
Butane	84	29	113	0	86	65	1,507	1,657	1,200	2,116	787	283	279	4,663	285	172	6,891
Butane-Propane Mixtures	0	0	0	0	2	0	0	2	58	-104	1	7	0	-38	2	43	8
Ethane-Propane Mixtures	0	0	0	0	0	0	1,683	1,683	1,679	3,433	343	79	130	5,664	0	0	7,347
Isobutane	18	16	34	0	40	12	551	603	619	1,124	645	212	85	2,685	6	21	3,350
Finished Motor Gasoline	72	0	72	0	0	0	0	0	23	0	0	0	0	23	4	0	98
Finished Leaded Motor Gasoline	72	0	72	0	0	0	0	0	19	0	0	0	0	19	2	0	94
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	3	0	0	0	0	3	1	0	4
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	53	0	0	0	0	53	0	0	53
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	(s)	2	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	0	0	2	0	0	3
Special Naphthas	0	0	0	0	0	0	0	0	35	0	0	0	0	35	0	0	35
Miscellaneous Products	0	0	0	0	2	0	13	15	90	3	3	37	1	132	14	0	161
Total Production	609	519	1,128	2	1,981	308	7,790	10,080	18,541	3,302	7,527	1,243	3,950	34,563	2,264	871	48,907

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] February 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	540	480	1,020	2	1,956	288	6,165	8,412	16,303	2,919	7,191	1,179	3,601	31,192	1,972	864	43,460
Isopentane	0	0	0	0	0	0	367	367	340	76	109	0	0	525	2	0	894
Natural Gasoline	72	30	102	0	79	81	1,050	1,211	1,613	824	1,167	186	267	4,056	343	350	6,062
Unfractionated Stream	0	176	176	2	753	24	-2,398	-1,620	7,509	-8,522	159	52	2,354	1,553	905	-43	971
Plant Condensate	0	0	0	0	64	0	29	93	185	602	39	7	1	834	7	0	934
Liquefied Petroleum Gases and Ethane	468	274	742	0	1,061	183	7,116	8,360	6,655	9,939	5,718	934	979	24,225	715	557	34,600
Ethane	178	142	320	0	398	0	1,300	1,698	903	2,409	2,295	63	73	5,743	16	0	7,778
Propane	179	89	268	0	525	119	2,989	3,633	2,505	3,115	2,016	256	461	8,354	451	326	13,031
Butane	97	27	124	0	93	55	1,302	1,450	1,153	1,739	720	297	241	4,150	243	173	6,139
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	56	-1,178	1	7	0	-1,114	2	38	-1,073
Ethane-Propane Mixtures	0	0	0	0	0	0	1,117	1,117	1,503	2,919	92	87	125	4,726	0	0	5,842
Isobutane	14	15	30	0	44	9	409	461	535	934	595	224	78	2,366	4	21	2,882
Finished Motor Gasoline	39	0	39	0	0	0	0	0	16	0	0	0	0	16	4	0	59
Finished Leaded Motor Gasoline	39	0	39	0	0	0	0	0	9	0	0	0	0	9	3	0	50
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	7	0	0	0	0	7	2	0	9
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	20	0	0	0	0	20	0	0	20
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	1	2	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	1	0	0	2	0	0	3
Special Naphthas	0	0	0	0	0	0	0	0	59	0	0	0	0	59	0	0	59
Miscellaneous Products	0	0	0	0	1	0	14	15	90	3	3	14	6	116	18	0	150
Total Production	579	480	1,058	2	1,957	288	6,180	8,428	16,490	2,921	7,194	1,194	3,609	31,410	1,995	864	43,756

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] March 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	593	527	1,120	3	2,129	291	6,331	8,755	18,788	3,123	8,451	868	3,975	35,205	2,241	1,013	48,334
Isopentane	0	0	0	0	0	0	260	260	381	33	118	0	0	532	2	0	795
Natural Gasoline	82	34	116	0	77	80	1,082	1,239	1,932	344	1,435	130	311	4,152	390	404	6,302
Unfractionated Stream	0	195	195	3	845	32	-2,586	-1,705	8,555	-10,063	-425	-6	2,618	678	1,013	-15	167
Plant Condensate	0	0	0	0	83	0	28	111	242	614	55	76	1	987	8	0	1,107
Liquefied Petroleum Gases and Ethane	512	297	809	0	1,124	179	7,546	8,849	7,678	12,195	7,269	669	1,045	28,855	827	624	39,964
Ethane	198	153	352	0	441	0	1,434	1,875	1,027	2,694	2,441	64	78	6,305	22	0	8,554
Propane	191	97	288	0	535	116	3,092	3,742	2,825	3,626	2,329	174	502	9,456	509	358	14,354
Butane	104	30	134	0	103	54	1,210	1,368	1,259	1,983	918	257	243	4,660	291	201	6,654
Butane-Propane Mixtures	0	0	0	0	2	0	0	2	57	-151	2	7	0	-85	2	41	-41
Ethane-Propane Mixtures	0	0	0	0	0	0	1,339	1,339	1,844	2,962	780	0	134	5,719	0	0	7,058
Isobutane	18	17	35	0	45	9	471	525	666	1,081	798	166	87	2,798	4	24	3,386
Finished Motor Gasoline	64	0	64	0	0	0	0	0	5	0	0	0	0	5	3	0	72
Finished Leaded Motor Gasoline	64	0	64	0	0	0	0	0	4	0	0	0	0	4	2	0	70
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	3
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	57	0	0	0	0	57	0	0	57
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	1	0	0	1	2	3	0	0	3
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	111	0	0	0	0	111	0	0	111
Miscellaneous Products	0	0	0	0	3	0	18	20	83	2	1	9	1	96	23	0	139
Total Production	657	527	1,184	3	2,132	291	6,350	8,777	19,046	3,126	8,452	877	3,977	35,479	2,266	1,013	48,719

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] April 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	648	500	1,147	4	2,022	310	5,964	8,299	17,867	2,764	8,239	882	3,605	33,357	2,143	998	45,944
Isopentane	0	0	0	0	0	0	356	356	415	21	121	0	0	558	2	0	916
Natural Gasoline	86	32	118	0	81	81	1,130	1,292	1,904	1,724	1,339	137	276	5,382	388	408	7,587
Unfractionated Stream	0	182	182	4	764	49	-2,880	-2,063	8,204	-11,001	456	20	2,385	64	942	-17	-892
Plant Condensate	0	0	0	0	50	0	37	87	219	570	38	127	2	956	8	0	1,051
Liquefied Petroleum Gases and Ethane	561	286	847	0	1,126	180	7,321	8,628	7,124	11,449	6,286	598	941	26,398	802	607	37,282
Ethane	214	149	362	0	455	0	1,114	1,568	974	3,055	2,429	40	73	6,570	16	(s)	8,517
Propane	211	92	303	0	527	111	3,006	3,644	2,581	3,730	2,137	160	420	9,027	523	348	13,845
Butane	117	29	146	0	95	59	1,316	1,471	1,210	2,045	802	237	210	4,504	258	195	6,574
Butane-Propane Mixtures	0	0	0	0	2	0	0	2	50	-1,021	3	6	0	-962	2	41	-916
Ethane-Propane Mixtures	0	0	0	0	0	0	1,369	1,369	1,772	2,634	215	(s)	166	4,787	0	0	6,156
Isobutane	20	16	36	0	47	10	516	573	538	1,007	700	154	73	2,472	3	23	3,106
Finished Motor Gasoline	51	0	51	0	0	0	0	0	0	0	0	0	0	0	5	0	55
Finished Leaded Motor Gasoline	51	0	51	0	0	0	0	0	0	0	0	0	0	0	3	0	54
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	50	0	0	0	0	50	0	0	50
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Kerosene	0	0	0	0	0	0	0	0	1	0	0	(s)	2	3	0	0	3
Distillate Fuel Oil	0	0	0	0	0	0	1	1	(s)	0	0	0	0	(s)	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	96	0	0	0	0	96	0	0	96
Miscellaneous Products	0	0	0	0	2	0	13	15	49	3	2	7	1	63	15	0	93
Total Production	699	500	1,198	4	2,024	310	5,978	8,316	18,063	2,767	8,242	889	3,607	33,568	2,163	998	46,244

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] May 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	675	323	998	3	2,029	366	6,321	8,719	18,384	2,786	8,096	1,085	3,463	33,814	2,119	1,035	46,685
Isopentane	0	0	0	0	0	0	283	283	398	76	121	0	0	595	3	0	880
Natural Gasoline	91	20	111	0	80	87	1,163	1,330	1,967	-943	1,370	140	276	2,810	387	422	5,060
Unfractionated Stream	0	135	135	3	873	56	-2,269	-1,337	8,690	-10,934	-95	214	2,334	211	916	-36	-112
Plant Condensate	0	0	0	0	38	0	23	61	243	580	46	102	2	972	9	0	1,042
Liquefied Petroleum Gases and Ethane	584	168	752	0	1,038	223	7,121	8,383	7,085	14,007	6,653	629	851	29,227	805	649	39,815
Ethane	229	89	318	0	403	9	1,080	1,491	964	2,783	2,431	64	74	6,317	5	(s)	8,131
Propane	210	54	264	0	487	134	2,753	3,373	2,692	4,758	2,240	167	382	10,239	501	373	14,750
Butane	124	18	142	0	95	70	1,205	1,370	1,234	2,665	828	236	207	5,170	294	208	7,183
Butane-Propane Mixtures	0	0	0	0	(s)	0	0	(s)	53	-633	0	5	0	-575	2	45	-528
Ethane-Propane Mixtures	0	0	0	0	0	0	1,617	1,617	1,548	3,070	419	2	115	5,155	0	0	6,771
Isobutane	21	7	29	0	53	11	468	532	594	1,365	736	154	72	2,921	3	23	3,507
Finished Motor Gasoline	27	0	27	0	0	0	0	0	0	0	0	0	0	0	5	0	32
Finished Leaded Motor Gasoline	27	0	27	0	0	0	0	0	0	0	0	0	0	0	3	0	30
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	56	0	0	0	0	56	0	0	56
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	1	0	0	(s)	3	5	0	0	5
Distillate Fuel Oil	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	3
Special Naphthas	0	0	0	0	0	0	0	0	142	0	0	0	0	142	0	0	142
Miscellaneous Products	0	0	0	0	2	0	13	14	96	4	4	4	3	112	13	0	139
Total Production	702	323	1,025	3	2,031	366	6,335	8,734	18,681	2,790	8,100	1,090	3,469	34,130	2,137	1,035	47,062

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] June 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	637	345	982	2	2,057	358	6,218	8,635	17,603	2,718	7,764	968	3,192	32,245	2,049	1,045	44,956
Isopentane	0	0	0	0	0	0	209	209	378	77	104	0	0	559	2	0	770
Natural Gasoline	91	33	124	0	64	88	1,047	1,199	1,909	14	1,208	148	275	3,556	367	461	5,707
Unfractionated Stream	0	4	4	2	957	56	-1,468	-454	8,093	-10,915	901	127	2,113	319	912	-50	730
Plant Condensate	0	0	0	0	44	0	35	79	251	609	37	101	2	999	10	0	1,089
Liquefied Petroleum Gases and Ethane	547	308	854	0	992	213	6,396	7,602	6,973	12,933	5,514	591	802	26,813	757	634	36,660
Ethane	216	165	381	0	460	0	1,092	1,552	847	2,945	1,967	33	63	5,856	5	(s)	7,794
Propane	197	97	294	0	409	132	2,371	2,912	2,584	4,284	1,968	160	363	9,359	494	347	13,407
Butane	113	30	143	0	76	69	1,034	1,179	1,187	2,375	751	246	190	4,749	253	221	6,545
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	58	-680	2	5	0	-615	2	42	-570
Ethane-Propane Mixtures	0	0	0	0	0	0	1,490	1,490	1,700	2,633	132	1	112	4,578	0	0	6,069
Isobutane	20	16	36	0	46	12	409	467	597	1,375	694	147	73	2,885	3	23	3,415
Finished Motor Gasoline	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Finished Leaded Motor Gasoline	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	81	0	0	0	0	81	0	0	81
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	0	0	0	(s)	2	2	0	0	2
Distillate Fuel Oil	0	0	0	0	0	0	1	1	(s)	0	0	0	0	(s)	0	0	1
Special Naphthas	0	0	0	0	0	0	0	0	75	0	0	0	0	75	0	0	75
Miscellaneous Products	0	0	0	0	1	0	11	12	128	4	2	4	4	141	13	0	167
Total Production	671	345	1,016	2	2,059	358	6,230	8,649	17,888	2,721	7,766	972	3,198	32,545	2,061	1,045	45,316

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] July 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	637	371	1,008	0	2,080	387	5,924	8,391	18,337	2,890	8,361	1,054	3,382	34,024	2,075	1,060	46,557
Isopentane	0	0	0	0	0	0	204	204	357	118	116	0	0	591	2	0	796
Natural Gasoline	92	37	128	0	69	94	1,184	1,346	2,106	800	1,469	153	269	4,797	375	462	7,109
Unfractionated Stream	0	1	1	0	1,014	62	–2,038	–962	8,598	–9,801	–10	188	2,306	1,280	981	–40	1,260
Plant Condensate	0	0	0	0	52	0	27	79	251	503	39	91	1	886	8	0	972
Liquefied Petroleum Gases and Ethane	545	334	879	0	946	231	6,547	7,724	7,025	11,270	6,747	622	806	26,470	708	638	36,420
Ethane	221	179	399	0	430	0	1,171	1,601	813	2,697	2,157	54	74	5,795	5	0	7,800
Propane	188	105	294	0	395	142	2,596	3,133	2,547	3,937	2,208	153	349	9,193	453	352	13,425
Butane	114	33	146	0	76	77	1,097	1,251	1,277	1,470	854	230	150	3,981	241	227	5,846
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	65	–428	1	11	0	–351	3	37	–312
Ethane-Propane Mixtures	0	0	0	0	0	0	1,257	1,257	1,772	2,449	722	10	166	5,119	0	0	6,375
Isobutane	22	17	40	0	45	12	425	483	552	1,146	807	163	66	2,734	6	23	3,285
Finished Motor Gasoline	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Finished Leaded Motor Gasoline	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	80	0	0	0	0	80	0	0	80
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	1	0	0	(s)	2	4	0	0	4
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	51	0	0	0	0	51	0	0	51
Miscellaneous Products	0	0	0	0	2	0	12	14	125	3	3	3	3	138	12	0	164
Total Production	671	371	1,042	0	2,082	387	5,937	8,405	18,596	2,894	8,363	1,058	3,387	34,298	2,087	1,060	46,892

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] August 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	570	359	929	0	2,013	395	6,390	8,798	18,916	2,861	7,702	985	3,540	34,003	2,095	1,040	46,865
Isopentane	0	0	0	0	0	0	279	279	413	121	106	0	0	639	2	0	920
Natural Gasoline	72	37	109	0	65	98	1,190	1,353	2,159	634	1,265	150	277	4,484	370	413	6,728
Unfractionated Stream	0	(s)	(s)	0	1,005	66	-2,578	-1,507	8,299	-10,903	572	159	2,461	587	1,001	-15	67
Plant Condensate	0	0	0	0	22	0	28	50	236	637	23	76	1	973	7	0	1,031
Liquefied Petroleum Gases and Ethane	498	321	820	0	921	231	7,471	8,623	7,809	12,372	5,737	601	800	27,319	715	643	38,119
Ethane	207	163	370	0	422	0	1,587	2,010	938	2,545	2,126	42	67	5,718	5	0	8,103
Propane	172	108	280	0	377	142	2,836	3,355	2,957	4,122	1,963	156	372	9,569	476	357	14,037
Butane	104	33	137	0	76	76	1,172	1,324	1,299	2,176	744	228	179	4,627	225	223	6,537
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	65	-670	1	13	0	-592	3	40	-548
Ethane-Propane Mixtures	0	0	0	0	0	0	1,393	1,393	1,914	2,891	173	(s)	108	5,085	0	0	6,479
Isobutane	15	17	32	0	46	13	482	541	636	1,309	730	162	74	2,911	6	21	3,511
Finished Motor Gasoline	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Finished Leaded Motor Gasoline	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	88	0	0	0	0	88	0	0	88
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	0	0	0	(s)	2	3	0	0	3
Distillate Fuel Oil	0	0	0	0	0	0	1	1	(s)	0	0	0	0	(s)	0	0	1
Special Naphthas	0	0	0	0	0	0	0	0	169	0	0	0	0	169	0	0	169
Miscellaneous Products	0	0	0	0	1	0	10	11	74	1	4	2	8	89	13	0	113
Total Production	588	359	947	0	2,014	395	6,400	8,809	19,247	2,862	7,706	988	3,550	34,352	2,108	1,040	47,257

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] September 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	541	351	893	0	1,831	395	5,860	8,086	18,734	2,778	7,370	947	3,448	33,277	1,990	1,061	45,307
Isopentane	0	0	0	0	0	0	198	198	366	132	104	0	0	602	2	0	802
Natural Gasoline	73	36	109	0	57	99	1,147	1,303	2,021	2,293	1,338	144	232	6,028	344	446	8,230
Unfractionated Stream	16	0	16	0	984	61	-2,231	-1,186	8,614	-11,795	-212	156	2,307	-931	918	-22	-1,204
Plant Condensate	0	0	0	0	34	0	24	58	247	188	30	72	2	538	5	0	600
Liquefied Petroleum Gases and Ethane	452	315	768	0	756	235	6,723	7,713	7,487	11,960	6,110	575	908	27,039	721	637	36,878
Ethane	173	163	337	0	389	0	1,303	1,692	956	2,251	1,911	45	86	5,249	4	0	7,282
Propane	166	102	268	0	267	146	2,559	2,972	2,738	3,949	2,022	158	462	9,330	475	367	13,412
Butane	94	32	126	0	47	76	1,004	1,128	1,231	2,192	763	211	163	4,560	230	208	6,251
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	69	-682	1	12	0	-600	5	41	-554
Ethane-Propane Mixtures	0	0	0	0	19	0	1,434	1,453	1,858	2,870	688	0	136	5,552	0	0	7,005
Isobutane	20	17	37	0	34	13	421	469	635	1,380	725	149	60	2,949	7	21	3,483
Finished Motor Gasoline	26	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Finished Leaded Motor Gasoline	26	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	63	0	0	0	0	63	0	0	63
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	2	0	0	(s)	2	4	0	0	4
Distillate Fuel Oil	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	0	0	(s)
Miscellaneous Products	0	0	0	0	1	0	9	10	110	4	3	4	(s)	121	13	0	144
Total Production	567	351	919	0	1,832	395	5,870	8,097	18,910	2,782	7,372	952	3,451	33,467	2,003	1,061	45,546

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] October 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	568	358	926	0	1,940	437	6,533	8,909	19,284	2,764	7,543	1,011	3,434	34,034	2,223	1,071	47,163
Isopentane	0	0	0	0	0	0	316	316	435	71	73	0	0	579	2	0	897
Natural Gasoline	81	35	116	0	60	96	1,043	1,200	1,891	1,317	1,211	147	233	4,800	397	438	6,951
Unfractionated Stream	28	0	28	0	983	76	-2,172	-1,113	9,304	-12,792	469	144	2,174	-701	918	-18	-885
Plant Condensate	0	0	0	0	39	0	22	61	205	773	25	86	3	1,092	9	0	1,162
Liquefied Petroleum Gases and Ethane	459	323	782	0	857	265	7,323	8,446	7,448	13,394	5,764	634	1,023	28,264	896	651	39,038
Ethane	157	165	321	0	405	0	1,626	2,030	922	2,687	2,235	51	92	5,987	6	0	8,345
Propane	180	106	285	0	314	162	2,633	3,109	2,626	3,874	1,964	177	509	9,150	557	393	13,495
Butane	97	35	132	0	51	90	1,038	1,179	1,155	2,283	744	231	186	4,599	315	202	6,427
Butane-Propane Mixtures	0	0	0	0	18	0	0	18	67	21	2	13	0	102	7	35	162
Ethane-Propane Mixtures	0	0	0	0	33	0	1,585	1,618	2,072	3,168	164	0	169	5,573	0	0	7,191
Isobutane	26	18	43	0	36	14	441	491	606	1,362	656	162	68	2,854	10	20	3,418
Finished Motor Gasoline	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Finished Leaded Motor Gasoline	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	44	0	0	0	0	44	0	0	44
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	(s)	0	0	(s)	2	3	0	0	3
Distillate Fuel Oil	0	0	0	0	0	0	2	2	1	0	0	0	0	1	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	44	0	0	0	0	44	0	0	44
Miscellaneous Products	0	0	0	0	1	0	13	14	91	4	3	7	1	106	16	0	136
Total Production	613	358	970	0	1,940	437	6,547	8,925	19,464	2,767	7,546	1,018	3,437	34,232	2,238	1,071	47,437

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[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] November 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	560	367	928	(s)	1,884	433	7,062	9,379	19,577	2,760	7,629	959	3,539	34,464	2,267	913	47,951
Isopentane	0	0	0	0	0	0	371	371	422	87	102	0	0	612	2	0	985
Natural Gasoline	88	32	121	0	49	93	992	1,133	1,738	1,288	1,256	133	227	4,643	380	358	6,636
Unfractionated Stream	29	35	64	(s)	925	73	-3,222	-2,224	9,685	-10,098	149	183	2,240	2,159	958	-19	938
Plant Condensate	0	0	0	0	41	0	26	67	236	483	22	73	1	815	25	0	907
Liquefied Petroleum Gases and Ethane	443	300	743	0	870	268	8,896	10,033	7,496	10,999	6,099	570	1,070	26,234	902	573	38,485
Ethane	144	155	299	0	382	0	2,214	2,596	915	2,668	2,072	45	84	5,785	9	0	8,688
Propane	176	98	274	0	351	166	3,166	3,683	2,683	3,335	2,020	173	530	8,741	560	336	13,595
Butane	99	31	130	0	54	89	1,287	1,429	1,164	1,404	773	198	212	3,751	324	184	5,819
Butane-Propane Mixtures	0	0	0	0	3	0	0	3	65	-669	(s)	11	0	-593	0	34	-555
Ethane-Propane Mixtures	0	0	0	0	45	0	1,685	1,729	2,060	3,198	599	0	171	6,028	0	0	7,758
Isobutane	23	16	39	0	36	13	544	593	608	1,062	635	142	73	2,521	8	19	3,181
Finished Motor Gasoline	44	0	44	0	0	0	0	0	0	0	0	0	0	0	28	0	71
Finished Leaded Motor Gasoline	44	0	44	0	0	0	0	0	0	0	0	0	0	0	24	0	68
Finished Unleaded Motor Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	55	0	0	0	0	55	0	0	55
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0	0	0	(s)	0	0	0	2	2	0	0	2
Distillate Fuel Oil	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	60	0	0	0	0	60	0	0	60
Miscellaneous Products	0	0	0	0	1	0	10	12	71	3	2	11	2	89	15	0	116
Total Production	604	367	971	(s)	1,885	433	7,073	9,392	19,765	2,764	7,631	969	3,543	34,672	2,309	913	48,257

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 12. Natural Gas Processing Plant Production of Petroleum Products by PAD District,[1] December 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Natural Gas Plant Liquids	580	450	1,031	1	1,934	424	7,445	9,804	19,991	3,031	8,266	952	3,670	35,910	2,375	1,013	50,133
Isopentane	0	0	0	0	0	0	400	400	410	43	77	0	0	530	2	0	932
Natural Gasoline	79	34	113	0	59	88	1,122	1,269	1,609	3,320	1,227	112	277	6,545	386	349	8,662
Unfractionated Stream	36	86	123	1	886	81	-3,365	-2,397	10,098	-13,092	865	167	2,358	396	1,037	37	-804
Plant Condensate	0	0	0	0	42	0	29	70	256	355	19	95	2	728	16	0	814
Liquefied Petroleum Gases and Ethane	465	330	795	0	947	256	9,259	10,462	7,618	12,404	6,077	579	1,033	27,711	934	627	40,529
Ethane	150	169	319	0	403	0	2,371	2,774	905	2,994	2,085	40	77	6,101	29	0	9,223
Propane	189	108	297	0	384	157	3,270	3,811	2,707	3,627	2,060	174	468	9,035	576	370	14,089
Butane	104	35	139	0	68	88	1,337	1,493	1,223	1,922	718	207	256	4,324	320	198	6,474
Butane-Propane Mixtures	0	0	0	0	6	0	0	6	67	1	(s)	14	0	82	0	41	129
Ethane-Propane Mixtures	0	0	0	0	49	0	1,729	1,778	2,141	2,665	627	0	148	5,582	0	0	7,360
Isobutane	22	18	40	0	37	11	552	600	575	1,195	587	145	84	2,586	9	18	3,253
Finished Motor Gasoline	33	0	33	0	0	0	0	0	0	0	0	0	0	0	51	0	84
Finished Leaded Motor Gasoline	24	0	24	0	0	0	0	0	0	0	0	0	0	0	45	0	69
Finished Unleaded Motor Gasoline	9	0	9	0	0	0	0	0	0	0	0	0	0	0	6	0	14
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	54	0	0	0	0	54	0	0	54
Naphtha-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	0	0	0	0	0	0	0	(s)	0	(s)	0	0	(s)
Kerosene	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2
Distillate Fuel Oil	0	0	0	0	0	0	2	2	(s)	0	0	0	0	(s)	0	0	2
Special Naphthas	0	0	0	0	0	0	0	0	43	0	0	0	0	43	0	0	43
Miscellaneous Products	0	0	0	0	1	0	9	10	115	2	4	13	2	137	17	0	164
Total Production	613	450	1,064	1	1,935	424	7,456	9,816	20,204	3,033	8,271	965	3,675	36,147	2,442	1,013	50,483

[1] Production represents quantity of natural gas processing plant output less input to fractionating facilities.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-64, "Natural Gas Liquids Operations Report".

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, January 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	35,839	3,624	39,463	1,720	52,757	7,199	23,936	85,612	14,372	78,762	59,334	4,692	2,408	159,568	12,766	62,151	359,560
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	31	2	33	0	453	119	732	1,304	693	1,644	350	81	101	2,869	99	241	4,546
Unfractionated Stream	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	6
Plant Condensate	0	0	0	0	116	0	19	135	86	893	11	190	4	1,184	75	10	1,404
LPG and Ethane	268	61	329	173	2,636	462	1,187	4,458	747	1,966	2,763	120	61	5,657	456	1,214	12,114
Ethane	0	0	0	0	0	0	0	0	0	167	88	0	0	255	1	0	256
Propane	0	0	0	0	67	0	18	85	0	0	52	0	0	52	0	0	137
Normal Butane	127	54	181	100	1,359	353	598	2,410	345	637	1,159	21	11	2,173	150	391	5,305
Other Butanes	0	0	0	0	360	61	145	566	115	226	681	0	0	1,022	250	393	2,231
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	7	59	0	0	30	96	8	74	178
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	141	7	148	73	850	48	426	1,397	280	877	783	99	20	2,059	47	356	4,007
Other Liquids																	
Other Hydrocarbons	91	18	109	0	118	0	0	118	10	453	151	0	0	614	88	360	1,289
Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unfinished Oil (net)	627	156	783	49	188	-68	-22	147	470	4,164	-112	1	75	4,598	-726	-520	4,282
Motor Gasoline Blending Components (net)	1,522	-17	1,505	-28	1,617	-365	545	1,769	-596	2,412	1,945	53	-36	3,778	-348	1,126	7,830
Aviation Gasoline Blending Components (net)	0	0	0	0	17	0	0	17	-27	5	-33	0	0	-55	0	14	-24
Total Input to Refineries	38,378	3,844	42,222	1,914	57,902	7,347	26,397	93,560	15,755	90,305	64,409	5,137	2,613	178,219	12,410	64,596	391,007
Crude Oil Distillation																	
Gross Input (daily average)	1,181	119	1,300	63	1,750	247	784	2,844	497	2,664	1,971	159	85	5,376	418	2,047	11,985
Operable Capacity (daily average)	1,663	162	1,825	66	2,529	299	1,142	4,035	633	4,434	2,797	289	118	8,271	635	3,124	17,890
Operating Ratio (percent)[1]	71.0	73.3	71.2	94.9	69.2	82.8	68.7	70.5	78.4	60.1	70.5	55.1	72.3	65.0	65.9	65.5	67.0
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.05	.39	.99	.78	.88	1.56	.59	.85	.77	.94	.87	1.43	.34	.91	.81	1.00	.92
API Gravity, Weighted Average	32.43	39.19	33.05	39.20	36.30	30.80	38.41	36.49	38.44	35.03	34.79	33.68	30.32	35.13	36.54	26.03	33.68

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, February 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	31,885	2,835	34,720	1,570	45,465	6,112	23,282	76,429	12,848	69,812	48,231	4,257	2,127	137,275	10,642	55,550	314,616
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	23	4	27	0	347	88	820	1,255	760	1,587	218	108	111	2,784	83	250	4,399
Unfractionated Stream	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	2
Plant Condensate	0	0	0	0	87	0	16	103	55	613	0	193	3	864	65	43	1,075
LPG and Ethane	295	48	343	90	2,282	438	1,037	3,847	649	1,739	1,253	94	61	3,796	313	861	9,160
Ethane	0	0	0	0	2	0	0	2	0	162	84	0	0	246	0	0	248
Propane	0	0	0	0	53	0	2	55	0	0	47	0	0	47	0	2	104
Normal Butane	141	41	182	46	1,146	316	374	1,882	242	1,083	781	0	10	2,116	61	283	4,524
Other Butanes	0	0	0	0	284	61	153	498	86	306	4	0	0	396	173	377	1,444
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	10	87	3	0	38	138	6	0	144
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	154	7	161	44	797	61	508	1,410	311	101	334	94	13	853	73	199	2,696
Other Liquids																	
Other Hydrocarbons	85	10	95	0	183	0	8	191	8	438	148	0	0	594	57	390	1,327
Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unfinished Oil (net)	1,875	–4	1,871	4	976	–7	796	1,769	770	2,180	–515	160	51	2,646	–361	441	6,366
Motor Gasoline Blending Components (net)	748	–18	730	37	1,347	0	193	1,577	–854	2,657	2,037	66	1	3,907	–369	–449	5,396
Aviation Gasoline Blending Components (net)	0	0	0	0	43	0	0	43	–39	28	12	0	0	1	0	–51	–7
Total Input to Refineries	34,911	2,875	37,786	1,701	50,730	6,631	26,152	85,214	14,197	79,056	51,384	4,878	2,354	151,869	10,430	57,035	342,334
Crude Oil Distillation																	
Gross Input (daily average)	1,155	103	1,258	59	1,695	235	843	2,833	504	2,563	1,786	161	84	5,097	386	2,038	11,611
Operable Capacity (daily average)	1,663	162	1,826	66	2,496	295	1,140	3,997	652	4,423	2,768	291	123	8,258	634	3,130	17,844
Operating Ratio (percent)[1]	69.4	63.5	68.9	90.0	67.9	79.7	73.9	70.9	77.2	57.9	64.5	55.1	68.3	61.7	60.8	65.1	65.1
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	.87	.31	.81	.61	.87	1.68	.62	.86	.61	.91	.82	.82	1.54	.86	.78	.99	.88
API Gravity, Weighted Average	32.25	38.41	32.81	36.60	36.02	30.74	38.00	36.20	38.12	34.77	34.77	33.91	32.47	34.64	36.83	25.82	33.33

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, March 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	33,959	3,271	37,230	1,737	49,118	6,812	24,432	82,099	14,551	78,517	56,515	4,912	2,514	157,009	11,910	61,305	349,553
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	29	2	31	0	431	80	988	1,499	879	2,004	420	123	123	3,549	152	278	5,509
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	125	0	17	142	72	674	2	211	2	961	117	43	1,263
LPG and Ethane	272	21	293	109	1,923	400	1,011	3,443	493	1,522	1,819	144	41	4,019	340	852	8,947
Ethane	0	0	0	0	0	0	0	0	0	98	93	0	0	191	0	0	191
Propane	0	0	0	0	59	0	1	60	0	0	53	0	0	53	1	0	114
Normal Butane	123	14	137	50	712	278	335	1,375	120	346	957	44	3	1,470	81	221	3,284
Other Butanes	0	0	0	0	256	89	135	480	45	116	0	0	0	161	203	329	1,173
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	9	84	6	0	15	114	7	0	125
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	149	7	156	59	892	33	540	1,524	319	878	710	100	23	2,030	48	302	4,060
Other Liquids																	
Other Hydrocarbons	93	21	114	0	200	0	12	212	4	265	162	0	0	431	60	573	1,390
Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unfinished Oil (net)	2,749	70	2,819	96	170	–138	715	843	–752	3,797	1,648	225	25	4,943	–484	1,447	9,568
Motor Gasoline Blending Components (net)	60	42	102	–12	1,055	69	–34	1,078	170	1,607	1,954	89	9	3,829	–224	77	4,862
Aviation Gasoline Blending Components (net)	0	0	0	0	–86	0	–11	–97	–28	21	65	0	0	58	0	–69	–108
Total Input to Refineries	37,162	3,427	40,589	1,930	52,936	7,223	27,130	89,219	15,389	88,407	62,585	5,704	2,714	174,799	11,871	64,506	380,984
Crude Oil Distillation																	
Gross Input (daily average)	1,137	107	1,244	63	1,632	233	798	2,726	501	2,614	1,891	171	89	5,264	391	2,034	11,659
Operable Capacity (daily average)	1,648	162	1,811	66	2,496	295	1,140	3,997	654	4,412	2,756	288	123	8,233	630	3,129	17,800
Operating Ratio (percent)[1]	69.0	65.7	68.7	94.9	65.4	78.9	70.0	68.2	76.5	59.2	68.6	59.2	72.2	63.9	62.0	65.0	65.5
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.13	.29	1.06	.62	.91	1.68	.64	.89	.57	.97	.81	1.51	.32	.88	.84	1.00	.92
API Gravity, Weighted Average	31.88	40.48	32.65	38.90	36.31	30.77	37.89	36.38	38.29	34.67	34.07	32.79	31.68	34.68	36.39	26.13	33.41

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, April 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	31,774	3,413	35,187	1,751	47,837	6,857	23,597	80,042	11,416	80,069	56,810	4,640	1,991	154,926	10,700	60,910	341,765
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	25	0	25	0	363	129	844	1,336	1,540	1,455	442	79	141	3,657	109	398	5,525
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	102	0	17	119	62	733	15	246	1	1,057	73	0	1,249
LPG and Ethane	240	21	261	141	1,676	357	753	2,927	497	1,171	1,805	137	16	3,626	264	633	7,711
Ethane	0	0	0	0	0	0	0	0	0	88	90	0	0	178	0	0	178
Propane	0	0	0	0	41	0	0	41	0	0	50	0	0	50	1	0	92
Normal Butane	77	12	89	60	579	220	142	1,001	76	629	793	36	3	1,537	49	150	2,826
Other Butanes	0	0	0	0	198	94	92	384	72	80	0	1	0	153	157	177	871
Butane-Propane Mixtures	0	0	0	0	6	0	0	6	10	74	13	0	0	97	7	0	110
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	163	9	172	81	852	43	519	1,495	339	300	859	100	13	1,611	50	306	3,634
Other Liquids																	
Other Hydrocarbons	62	15	77	0	164	0	9	173	14	569	187	0	0	770	42	570	1,632
Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unfinished Oil (net)	2,056	-35	2,021	12	-1,504	16	589	-887	1,365	2,007	2,010	21	-35	5,368	-73	-787	5,642
Motor Gasoline Blending Components (net)	1,754	26	1,780	-13	2,390	43	331	2,751	-358	1,194	2,492	45	18	3,391	567	1,307	9,796
Aviation Gasoline Blending Components (net)	0	0	0	0	14	0	0	14	-103	5	140	0	0	42	0	-21	35
Total Input to Refineries	35,911	3,440	39,351	1,891	51,042	7,402	26,140	86,475	14,433	87,203	63,901	5,168	2,132	172,837	11,682	63,010	373,355
Crude Oil Distillation																	
Gross Input (daily average)	1,096	114	1,210	63	1,620	242	795	2,721	440	2,680	2,045	165	70	5,400	361	2,078	11,769
Operable Capacity (daily average)	1,633	162	1,796	66	2,496	295	1,140	3,997	640	4,412	2,756	288	123	8,219	630	3,124	17,767
Operating Ratio (percent)[1]	67.1	70.1	67.4	96.2	64.9	82.1	69.7	68.1	68.7	60.7	74.2	57.2	57.2	65.7	57.3	66.5	66.2
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.08	.29	1.00	.58	.87	1.59	.64	.86	.45	.98	.79	1.60	.37	.88	.89	1.00	.91
API Gravity, Weighted Average	31.31	39.31	32.10	33.90	35.79	31.33	37.69	35.92	39.07	34.89	34.03	31.57	31.16	34.74	36.15	25.92	33.20

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, May 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	30,428	3,426	33,854	1,752	50,830	7,621	25,214	85,417	14,223	88,843	60,863	4,936	2,404	171,269	11,710	63,722	365,972
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	13	0	13	0	363	87	914	1,364	945	1,990	425	139	112	3,611	121	301	5,410
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	117	0	18	135	62	572	0	241	1	876	70	0	1,081
LPG and Ethane	286	11	297	111	1,520	314	654	2,599	428	1,200	1,722	122	26	3,498	298	572	7,264
Ethane	0	0	0	0	0	0	0	0	0	68	91	0	0	159	0	0	159
Propane	0	0	0	0	46	0	0	46	0	0	47	0	0	47	14	0	107
Normal Butane	60	4	64	35	622	196	137	990	32	418	1,248	22	1	1,721	14	120	2,909
Other Butanes	0	0	0	0	58	83	103	244	61	50	81	0	0	192	220	164	820
Butane-Propane Mixtures	0	0	0	0	11	0	0	11	2	87	35	0	9	133	4	0	148
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
Isobutane	226	7	233	76	783	35	414	1,308	333	576	220	100	16	1,245	46	288	3,120
Other Liquids																	
Other Hydrocarbons	57	20	77	0	147	0	7	154	8	276	210	0	0	494	68	493	1,286
Alcohol	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Unfinished Oil (net)	6,174	186	6,360	3	1,106	-163	43	989	729	4,564	2,882	22	-128	8,069	-376	-2,404	12,638
Motor Gasoline Blending Components (net)	9	86	95	11	1,270	-32	-120	1,129	-549	167	2,132	-30	42	1,762	562	1,670	5,218
Aviation Gasoline Blending Components (net)	0	0	0	0	-12	0	11	-1	-68	8	-67	0	0	-127	0	5	-123
Total Input to Refineries	36,967	3,769	40,736	1,877	55,341	7,827	26,741	91,786	15,778	97,620	68,167	5,430	2,457	189,452	12,453	64,359	398,786
Crude Oil Distillation																	
Gross Input (daily average)	1,016	117	1,134	60	1,708	256	821	2,845	489	2,907	2,123	169	81	5,769	385	2,095	12,228
Operable Capacity (daily average)	1,644	162	1,807	66	2,496	295	1,128	3,985	640	4,412	2,756	293	123	8,225	630	3,132	17,778
Operating Ratio (percent)[1]	61.8	72.4	62.7	91.2	68.4	86.6	72.8	71.4	76.5	65.9	77.0	57.6	65.8	70.1	61.2	66.9	68.8
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.02	.22	.94	.81	.85	1.66	.60	.85	.57	1.02	.91	1.60	.39	.95	.91	1.01	.94
API Gravity, Weighted Average	32.25	40.20	33.05	36.80	35.40	30.97	37.92	35.78	37.85	34.52	33.92	31.29	30.29	34.42	35.99	25.89	33.11

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[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, June 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	37,088	3,374	40,462	1,733	55,957	8,121	24,220	90,031	14,470	85,853	61,601	5,084	2,455	169,463	13,072	61,786	374,814
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	21	0	21	0	364	344	930	1,638	782	2,414	315	101	105	3,717	96	278	5,750
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	122	0	19	141	55	652	0	254	0	961	97	0	1,199
LPG and Ethane	349	5	354	117	1,668	274	648	2,707	457	1,305	1,880	117	31	3,790	285	722	7,858
Ethane	0	0	0	0	0	0	0	0	0	0	90	0	0	90	0	0	90
Propane	0	0	0	0	43	0	0	43	0	0	47	0	0	47	16	0	106
Normal Butane	71	3	74	48	643	146	139	976	35	352	1,327	17	0	1,731	31	154	2,966
Other Butanes	0	0	0	0	48	98	59	205	86	105	198	0	0	389	190	226	1,010
Butane-Propane Mixtures	0	0	0	0	5	0	0	5	0	109	73	0	1	183	7	0	195
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	278	2	280	69	929	30	450	1,478	336	739	145	100	30	1,350	41	342	3,491
Other Liquids																	
Other Hydrocarbons	93	12	105	0	208	0	8	216	9	267	207	0	0	483	75	743	1,622
Alcohol	0	33	33	0	0	0	1	1	0	0	0	0	0	0	0	0	34
Unfinished Oil (net)	-170	34	-136	39	640	37	280	996	438	5,792	3,675	-86	33	9,852	-501	1,836	12,047
Motor Gasoline Blending Components (net)	187	-40	147	6	1,065	41	-110	1,002	-142	1,131	1,841	-41	-16	2,773	269	-488	3,703
Aviation Gasoline Blending Components (net)	0	0	0	0	76	0	0	76	-103	30	-20	0	0	-93	0	29	12
Total Input to Refineries	37,568	3,418	40,986	1,895	60,100	8,817	25,996	96,808	15,966	97,444	69,499	5,429	2,608	190,946	13,393	64,906	407,039
Crude Oil Distillation																	
Gross Input (daily average)	1,258	116	1,374	63	1,932	290	815	3,100	526	2,920	2,195	180	88	5,910	446	2,106	12,936
Operable Capacity (daily average)	1,644	162	1,807	66	2,362	295	1,018	3,741	633	4,133	2,756	293	120	7,936	629	3,148	17,261
Operating Ratio (percent)[1]	76.5	71.2	76.1	95.4	81.8	98.4	80.1	82.9	83.1	70.7	79.6	61.2	73.4	74.5	70.9	66.9	74.9
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.13	.22	1.05	.96	.92	1.64	.57	.89	.41	.92	.81	1.61	.28	.85	.87	1.02	.91
API Gravity, Weighted Average	31.75	41.33	32.55	37.60	35.18	31.16	37.86	35.59	38.16	34.17	34.02	30.94	30.05	34.30	36.38	25.93	33.09

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, July 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	37,410	2,600	40,010	1,744	58,621	8,521	25,012	93,898	14,889	87,820	64,162	5,494	2,573	174,938	13,821	63,158	385,825
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	19	0	19	0	631	389	996	2,016	1,043	2,223	251	100	145	3,762	89	294	6,180
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	121	0	19	140	55	740	0	280	0	1,075	93	0	1,308
LPG and Ethane	170	3	173	117	1,639	272	771	2,799	529	1,296	1,869	124	31	3,849	309	711	7,841
Ethane	0	0	0	0	0	0	0	0	0	63	45	0	0	108	0	0	108
Propane	0	0	0	0	46	0	0	46	0	0	45	0	0	45	12	0	103
Normal Butane	0	0	0	37	688	124	178	1,027	89	929	1,341	21	0	2,380	50	130	3,587
Other Butanes	0	0	0	0	32	114	67	213	86	52	146	0	0	284	185	203	885
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	0	72	24	0	0	96	6	0	106
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	170	3	173	80	869	34	526	1,509	354	180	268	103	31	936	56	378	3,052
Other Liquids																	
Other Hydrocarbons	141	1	142	0	416	0	0	416	5	330	249	0	0	584	71	517	1,730
Alcohol	0	60	60	0	0	0	0	0	0	0	0	0	0	0	0	6	66
Unfinished Oil (net)	1,993	9	2,002	34	1,355	-58	457	1,788	600	6,417	1,288	115	68	8,488	-185	2,037	14,130
Motor Gasoline Blending Components (net)	562	99	661	-23	527	-17	-462	25	-725	796	2,572	17	-102	2,558	270	-305	3,209
Aviation Gasoline Blending Components (net)	0	0	0	0	1	0	5	6	-136	-24	0	0	0	-160	0	55	-99
Total Input to Refineries	40,295	2,772	43,067	1,872	63,311	9,107	26,798	101,088	16,260	99,598	70,391	6,130	2,715	195,094	14,468	66,473	420,190
Crude Oil Distillation																	
Gross Input (daily average)	1,267	87	1,354	61	1,960	293	817	3,130	507	2,881	2,172	190	91	5,840	452	2,114	12,890
Operable Capacity (daily average)	1,644	162	1,807	66	2,362	295	1,015	3,738	622	4,120	2,756	284	120	7,903	608	3,148	17,203
Operating Ratio (percent)[1]	77.0	53.8	75.0	92.6	83.0	99.3	80.5	83.8	81.5	69.9	78.8	66.7	75.2	73.9	74.4	67.1	74.9
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.20	.23	1.13	.94	.90	1.54	.54	.87	.64	.85	.89	1.41	.24	.86	.81	1.00	.91
API Gravity, Weighted Average	32.56	40.82	33.09	35.30	34.64	31.31	37.41	35.09	37.89	34.28	33.58	32.55	39.92	34.34	36.09	25.85	33.03

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, August 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	32,933	2,730	35,663	229	56,823	8,258	22,652	87,962	15,117	85,146	58,577	5,280	2,503	166,623	14,017	63,743	368,008
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	12	0	12	0	496	304	1,035	1,835	955	2,127	522	104	129	3,837	97	323	6,104
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	122	0	19	141	44	537	14	236	1	832	37	0	1,010
LPG and Ethane	194	6	200	40	1,524	271	825	2,660	528	1,441	1,902	118	37	4,026	379	601	7,866
Ethane	0	0	0	0	0	0	0	0	0	14	0	0	0	14	0	0	14
Propane	0	0	0	0	47	0	0	47	0	0	78	0	0	78	11	0	136
Normal Butane	0	0	0	6	455	110	276	847	107	778	1,180	20	0	2,085	75	80	3,087
Other Butanes	0	0	0	0	221	123	77	421	92	129	217	0	0	438	230	236	1,325
Butane-Propane Mixtures	0	0	0	0	6	0	0	6	0	84	44	0	1	129	6	0	141
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	45	0	0	45	0	0	45
Isobutane	194	6	200	34	795	38	472	1,339	329	436	338	98	36	1,237	57	285	3,118
Other Liquids																	
Other Hydrocarbons	108	0	108	0	133	0	0	133	18	567	252	0	0	837	59	591	1,728
Alcohol	0	58	58	0	0	0	0	0	0	0	0	0	0	0	0	1	59
Unfinished Oil (net)	2,847	-190	2,657	75	393	-63	918	1,323	403	3,835	1,194	68	138	5,638	-488	-897	8,233
Motor Gasoline Blending Components (net)	514	-24	490	46	1,272	-13	282	1,587	-565	477	2,760	30	-1	2,701	174	1,020	5,972
Aviation Gasoline Blending Components (net)	0	0	0	0	-4	0	-2	-6	-165	45	6	0	0	-114	0	57	-63
Total Input to Refineries	36,608	2,580	39,188	390	60,759	8,757	25,729	95,635	16,335	94,175	65,227	5,836	2,807	184,380	14,275	65,439	398,917
Crude Oil Distillation																	
Gross Input (daily average)	1,081	90	1,171	11	1,900	282	745	2,938	509	2,843	1,907	180	88	5,527	457	2,100	12,192
Operable Capacity (daily average)	1,644	162	1,807	66	2,362	295	965	3,688	622	4,120	2,756	283	120	7,901	608	3,168	17,171
Operating Ratio (percent)[1]	65.7	55.4	64.8	16.8	80.4	95.7	77.2	79.7	81.8	69.0	69.2	63.7	73.5	70.0	75.2	66.3	71.0
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.25	.25	1.17	1.09	.88	1.49	.52	.85	.60	.90	.72	1.62	.22	.82	.82	.96	.89
API Gravity, Weighted Average	30.80	40.87	31.57	34.60	33.90	31.35	37.20	34.51	38.07	34.52	34.21	31.42	39.82	34.72	35.78	25.87	32.82

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[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, September 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	32,898	2,238	35,136	1,148	56,956	8,139	21,480	87,723	13,605	86,142	58,726	4,994	2,199	165,666	13,250	62,599	364,374
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	12	0	12	0	464	237	970	1,671	986	1,945	445	115	97	3,588	78	255	5,604
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	125	0	17	142	36	836	10	228	0	1,110	86	0	1,338
LPG and Ethane	237	19	256	6	1,661	331	930	2,928	489	1,501	1,878	102	32	4,002	381	664	8,231
Ethane	0	0	0	0	0	0	0	0	0	0	33	0	0	33	0	0	33
Propane	1	0	1	0	49	0	0	49	0	0	61	0	0	61	4	0	115
Normal Butane	55	0	55	3	600	196	401	1,200	136	1,165	1,366	32	0	2,699	93	126	4,173
Other Butanes	0	0	0	0	221	91	36	348	92	85	0	0	0	177	220	185	930
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	0	59	47	0	3	109	4	0	117
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	181	19	200	3	787	44	493	1,327	261	192	371	70	29	923	60	353	2,863
Other Liquids																	
Other Hydrocarbons	106	0	106	0	350	0	0	350	30	511	195	0	0	736	56	489	1,737
Alcohol	0	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Unfinished Oil (net)	3,168	55	3,223	-191	1,243	-18	907	1,941	378	2,967	3,444	-154	70	6,705	-485	-850	10,534
Motor Gasoline Blending Components (net)	-35	2	-33	-32	244	-34	-106	72	-429	-390	3,304	-21	94	2,558	-56	797	3,338
Aviation Gasoline Blending Components (net)	0	0	0	0	-101	0	-6	-107	-25	-23	-4	0	0	-52	0	12	-147
Total Input to Refineries	36,386	2,375	38,761	931	60,942	8,655	24,192	94,720	15,070	93,489	67,998	5,264	2,492	184,313	13,310	63,966	395,070
Crude Oil Distillation																	
Gross Input (daily average)	1,132	77	1,209	38	1,960	286	726	3,010	476	2,976	2,059	176	80	5,767	448	2,124	12,558
Operable Capacity (daily average)	1,644	98	1,743	66	2,362	295	885	3,608	622	4,120	2,756	267	120	7,885	596	3,169	17,001
Operating Ratio (percent)[1]	68.9	78.0	69.4	58.3	83.0	96.9	82.1	83.4	76.5	72.2	74.7	66.0	66.7	73.1	75.1	67.0	73.9
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.12	.23	1.05	.79	.89	1.63	.60	.89	.58	.96	.74	1.58	.28	.86	.78	.99	.90
API Gravity, Weighted Average	31.26	41.26	31.95	35.80	34.92	30.98	37.27	35.13	38.38	34.00	34.00	31.21	38.89	34.34	36.71	25.82	32.90

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[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, October 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	32,600	1,829	34,429	1,752	49,805	8,157	21,549	81,263	13,594	90,983	63,059	5,236	2,427	175,299	13,236	59,994	364,221
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	21	0	21	0	384	230	781	1,395	840	1,892	464	111	123	3,430	75	234	5,155
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	142	0	13	155	36	750	2	215	0	1,003	81	0	1,239
LPG and Ethane	166	5	171	91	1,582	413	1,078	3,164	766	2,210	1,895	103	60	5,034	403	710	9,482
Ethane	0	0	0	0	0	0	0	0	0	0	33	0	0	33	0	0	33
Propane	0	0	0	0	49	0	0	49	0	0	46	0	0	46	4	0	99
Normal Butane	16	0	16	47	650	298	594	1,589	278	1,426	1,331	37	7	3,079	70	192	4,946
Other Butanes	0	0	0	0	245	76	66	387	106	239	0	0	0	345	252	275	1,259
Butane-Propane Mixtures	0	0	0	0	3	0	0	3	0	177	39	0	25	241	3	0	247
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	150	5	155	44	635	39	418	1,136	382	368	446	66	28	1,290	74	243	2,898
Other Liquids																	
Other Hydrocarbons	121	0	121	0	382	0	0	382	32	437	144	0	0	613	69	851	2,036
Alcohol	0	69	69	0	0	0	0	0	0	0	0	0	0	0	0	4	73
Unfinished Oil (net)	4,963	-23	4,940	107	1,033	-143	312	1,309	747	4,104	3,089	-127	94	7,907	-253	1,626	15,529
Motor Gasoline Blending Components (net)	714	12	726	12	2,027	-76	265	2,228	-408	922	1,858	6	7	2,385	146	-1,174	4,311
Aviation Gasoline Blending Components (net)	-4	0	-4	0	58	0	7	65	-31	18	-10	0	0	-23	0	-19	19
Total Input to Refineries	38,581	1,892	40,473	1,962	55,413	8,581	24,005	89,961	15,576	101,316	70,501	5,544	2,711	195,648	13,757	62,226	402,065
Crude Oil Distillation																	
Gross Input (daily average)	1,090	61	1,152	63	1,673	279	701	2,716	472	3,059	2,082	177	87	5,878	432	1,978	12,155
Operable Capacity (daily average)	1,644	98	1,743	66	2,362	295	885	3,608	622	4,301	2,795	267	120	8,105	597	3,169	17,221
Operating Ratio (percent)[1]	66.3	62.3	66.1	95.3	70.8	94.5	79.2	75.3	75.9	71.1	74.5	66.5	72.4	72.5	72.5	62.4	70.6
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.11	.17	1.06	.73	.84	1.62	.55	.84	.61	.96	.73	1.64	.27	.86	.77	1.01	.90
API Gravity, Weighted Average	30.44	42.13	31.04	37.40	35.81	30.97	36.95	35.66	38.09	33.93	33.20	31.12	39.20	33.97	36.26	25.37	32.70

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[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, November 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	33,606	1,829	35,435	1,673	48,341	7,930	21,376	79,320	13,173	84,184	60,161	4,808	2,304	164,630	12,835	59,486	351,706
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	15	0	15	0	470	252	722	1,444	808	2,150	393	109	84	3,544	76	227	5,306
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	107	0	11	118	45	546	10	221	1	823	67	0	1,008
LPG and Ethane	189	16	205	145	2,236	487	1,154	4,022	774	1,979	2,168	140	73	5,134	435	1,102	10,898
Ethane	0	0	0	0	0	0	0	0	0	0	34	0	0	34	0	0	34
Propane	0	0	0	0	61	25	0	86	0	0	45	0	0	45	3	0	134
Normal Butane	85	0	85	79	1,046	337	715	2,177	287	1,682	1,112	42	11	3,134	119	349	5,864
Other Butanes	0	0	0	0	373	83	54	510	149	56	117	0	0	322	252	490	1,574
Butane-Propane Mixtures	0	0	0	0	1	0	0	1	0	77	49	0	40	166	6	0	173
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	104	16	120	66	755	42	385	1,248	338	164	811	98	22	1,433	55	263	3,119
Other Liquids																	
Other Hydrocarbons	102	0	102	0	110	0	0	110	16	587	223	0	0	826	39	497	1,574
Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Unfinished Oil (net)	3,113	180	3,293	52	245	38	351	686	787	2,537	2,915	69	145	6,453	-244	1,924	12,112
Motor Gasoline Blending Components (net)	-1,092	-44	-1,136	-8	1,802	3	213	2,010	327	1,626	2,137	-68	-41	3,981	-91	391	5,155
Aviation Gasoline Blending Components (net)	4	0	4	0	43	0	-5	38	-75	-4	-17	0	0	-96	0	2	-52
Total Input to Refineries	35,937	1,981	37,918	1,862	53,354	8,710	23,822	87,748	15,855	93,605	67,990	5,279	2,566	185,295	13,117	63,630	387,708
Crude Oil Distillation																	
Gross Input (daily average)	1,145	63	1,208	62	1,650	285	719	2,717	485	2,937	2,060	169	86	5,736	433	2,050	12,145
Operable Capacity (daily average)	1,644	98	1,743	66	2,365	295	885	3,611	622	4,301	2,795	267	107	8,091	589	3,159	17,193
Operating Ratio (percent)[1]	69.6	64.0	69.3	94.4	69.8	96.6	81.3	75.3	78.0	68.3	73.7	63.4	80.1	70.9	73.5	64.9	70.6
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	1.04	.18	.99	.75	.91	1.65	.54	.88	.93	.97	.80	1.36	.36	.91	.90	1.04	.93
API Gravity, Weighted Average	30.91	41.93	31.49	36.90	35.10	30.86	37.22	35.29	38.36	34.38	33.46	33.83	39.08	34.41	35.84	25.81	32.90

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[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 13. Refinery Input of Crude Oil and Petroleum Products by PAD District, December 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	32,271	2,827	35,098	1,723	52,920	7,994	21,546	84,183	14,164	79,021	60,538	4,667	2,333	160,723	13,855	63,082	356,941
Natural Gas Plant Liquids																	
Natural Gasoline & Isopentane	17	0	17	0	407	85	794	1,286	779	1,862	171	102	93	3,007	93	232	4,635
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	126	0	12	138	51	678	0	220	1	950	35	0	1,123
LPG and Ethane	250	43	293	179	2,843	480	1,307	4,809	749	2,175	2,402	129	64	5,519	502	1,128	12,251
Ethane	0	0	0	0	0	0	0	0	0	0	34	0	0	34	0	0	34
Propane	0	0	0	0	64	0	0	64	0	0	48	0	0	48	3	0	115
Normal Butane	195	0	195	101	1,340	359	812	2,612	286	1,094	1,255	38	16	2,689	149	516	6,161
Other Butanes	0	0	0	0	537	57	49	643	131	80	77	0	0	288	279	369	1,579
Butane-Propane Mixtures	0	0	0	0	4	0	0	4	0	72	48	0	25	145	8	0	157
Ethane-Propane Mixtures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isobutane	55	43	98	78	898	64	446	1,486	332	929	940	91	23	2,315	63	243	4,205
Other Liquids																	
Other Hydrocarbons	68	0	68	0	180	0	14	194	17	445	196	0	0	658	75	419	1,414
Alcohol	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	11	27
Unfinished Oil (net)	4,659	63	4,722	15	1,484	-37	1,199	2,661	386	3,798	3,256	264	106	7,810	-486	1,637	16,344
Motor Gasoline Blending Components (net)	-12	10	-2	2	1,878	-93	-183	1,604	-642	525	2,602	-39	-45	2,401	-355	469	4,117
Aviation Gasoline Blending Components (net)	-5	0	-5	0	-43	0	-2	-45	-76	-45	-61	0	0	-182	0	10	-222
Total Input to Refineries	37,248	2,959	40,207	1,919	59,795	8,429	24,687	94,830	15,428	88,459	69,104	5,343	2,552	180,886	13,719	66,988	396,630
Crude Oil Distillation																	
Gross Input (daily average)	1,069	91	1,160	62	1,749	271	704	2,786	493	2,671	2,026	160	85	5,436	452	2,064	11,898
Operable Capacity (daily average)	1,648	117	1,766	66	2,339	295	885	3,585	617	4,192	2,795	267	107	7,977	589	3,159	17,076
Operating Ratio (percent)[1]	64.9	77.3	65.7	93.7	74.8	91.7	79.6	77.7	80.0	63.7	72.5	60.1	79.8	68.1	76.8	65.3	69.7
Crude Oil Qualities																	
Sulfur Content, Weighted Average (percent)	.91	.28	.86	.47	.93	1.56	.56	.89	.60	.93	.80	1.59	.35	.86	.88	1.00	.89
API Gravity, Weighted Average	31.41	40.40	32.14	38.00	35.52	31.23	37.15	35.58	38.28	34.60	33.94	32.15	39.55	34.68	35.37	26.50	33.20

[1] Represents gross input divided by operable capacity.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, January 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,209	83	1,292	33	1,284	299	272	1,888	323	1,850	1,084	86	40	3,383	-3	745	7,305
For Petrochemical Feedstock Use	444	0	444	0	162	7	71	240	21	1,098	167	0	0	1,286	-7	213	2,176
For Other Uses	765	83	848	33	1,122	292	201	1,648	302	752	917	86	40	2,097	4	532	5,129
Ethane	0	0	0	0	15	0	0	15	0	158	11	0	0	169	0	0	184
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	158	11	0	0	169	0	0	169
For Other Uses	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	15
Propane	1,046	83	1,129	33	1,267	292	478	2,070	304	1,773	1,173	75	30	3,355	135	835	7,524
For Petrochemical Feedstock Use	378	0	378	0	162	0	73	235	0	813	98	0	0	911	1	144	1,669
For Other Uses	668	83	751	33	1,105	292	405	1,835	304	960	1,075	75	30	2,444	134	691	5,855
Butane	163	0	163	0	2	7	-206	-197	-2	-125	-18	8	5	-132	-115	-118	-399
For Petrochemical Feedstock Use	66	0	66	0	0	7	-2	5	0	126	56	0	0	182	0	69	322
For Other Uses	97	0	97	0	2	0	-204	-202	-2	-251	-74	8	5	-314	-115	-187	-721
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	7	43	-82	3	5	-24	-15	28	-11
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	7	0	2	0	0	9	0	0	9
For Other Uses	0	0	0	0	0	0	0	0	0	43	-84	3	5	-33	-15	28	-20
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	14	1	0	0	0	15	-8	0	7
Finished Motor Gasoline	18,959	1,421	20,380	1,143	33,932	3,812	15,081	53,968	7,805	40,047	30,153	1,901	1,069	80,975	6,505	29,243	191,071
Finished Leaded Motor Gasoline	8,257	865	9,122	634	14,612	1,843	8,655	25,744	4,180	16,896	15,273	1,365	717	38,431	4,254	13,824	91,375
Finished Unleaded Motor Gasoline	10,702	556	11,258	509	19,309	1,969	6,419	28,206	3,625	23,151	14,880	536	352	42,544	2,250	15,329	99,587
Gasohol	0	0	0	0	11	0	7	18	0	0	0	0	0	0	1	90	109
Finished Aviation Gasoline	5	0	5	0	138	0	16	154	3	142	76	0	0	221	22	192	594
Naphtha-Type Jet Fuel	424	61	485	0	343	84	363	790	481	861	420	131	354	2,247	298	931	4,751
Kerosene-Type Jet Fuel	1,359	84	1,443	143	2,343	70	746	3,302	708	4,459	6,300	19	43	11,529	419	6,376	23,069
Kerosene	352	97	449	0	1,001	15	-12	1,004	35	1,527	995	2	49	2,608	108	218	4,387
Distillate Fuel Oil	7,396	961	8,357	323	11,142	1,944	6,815	20,224	3,435	21,249	11,181	1,368	772	38,005	3,241	10,494	80,321
Distillate Fuel Oil Less No. 4	7,396	924	8,320	323	11,106	1,944	6,815	20,188	3,426	20,939	11,169	1,299	541	37,374	3,212	10,417	79,511
No. 4 Fuel Oil	0	37	37	0	36	0	0	36	9	310	12	69	231	631	29	77	810
Residual Fuel Oil	5,918	363	6,281	176	3,085	363	754	4,378	889	7,276	7,032	459	145	15,801	555	11,265	38,280
Naphtha < 400 Deg. For Petro. Feed. Use	331	0	331	0	201	0	34	235	449	3,072	250	27	0	3,798	5	192	4,561
Other Oils > 400 Deg. For Petro. Feed. Use	7	67	74	0	1,371	0	0	1,371	359	4,028	2,709	43	0	7,139	0	235	8,819
Special Naphthas	6	12	18	0	170	0	111	281	111	549	79	164	0	903	2	111	1,315
Lubricants	109	420	529	0	405	0	374	779	17	1,847	561	170	-1	2,594	41	328	4,271
Bright Stock	6	185	191	0	22	0	58	80	0	149	40	0	0	189	5	24	489
Neutral	57	225	282	0	285	0	282	567	0	1,032	428	82	0	1,542	35	235	2,661
Other Grades	46	10	56	0	98	0	34	132	17	666	93	88	-1	863	1	69	1,121
Wax	18	81	99	0	-1	0	25	24	84	87	64	24	0	259	17	57	456
Microcrystalline	1	20	21	0	0	0	24	24	84	10	0	24	0	118	0	0	163
Crystalline--Fully Refined	8	13	21	0	-3	0	-4	-7	0	51	64	0	0	115	17	33	179
Crystalline--Other	9	48	57	0	2	0	5	7	0	26	0	0	0	26	0	24	114
Petroleum Coke	1,126	32	1,158	22	1,863	337	883	3,105	301	2,330	1,468	147	9	4,255	330	3,253	12,101
Marketable	396	0	396	0	1,017	213	462	1,692	53	1,010	829	126	0	2,018	186	2,387	6,679
Catalyst	730	32	762	22	846	124	421	1,413	248	1,320	639	21	9	2,237	144	866	5,422
Asphalt	764	45	809	69	694	576	529	1,868	420	429	944	464	69	2,326	460	790	6,253
Road Oil	0	0	0	0	-9	0	4	-5	0	0	0	0	0	0	1	7	3
Still Gas	1,613	158	1,771	63	2,200	249	961	3,473	411	3,831	2,354	161	46	6,803	518	3,190	15,755
For Petrochemical Feedstock Use	53	0	53	0	1	0	0	1	5	358	31	0	0	394	5	7	460
For Other Uses	1,560	158	1,718	63	2,199	249	961	3,472	406	3,473	2,323	161	46	6,409	513	3,183	15,295
Miscellaneous Products	390	32	422	2	58	19	67	146	190	1,298	774	18	0	2,280	20	255	3,123
Total Output	39,986	3,917	43,903	1,974	60,220	7,768	27,023	96,985	16,021	94,882	66,444	5,184	2,595	185,126	12,539	67,882	406,435
Processing Gain(-) or Loss(+)[1]	-1,608	-73	-1,681	-60	-2,318	-421	-626	-3,425	-266	-4,577	-2,035	-47	18	-6,907	-129	-3,286	-15,428

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, February 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,032	70	1,102	23	1,277	221	405	1,926	290	1,719	402	77	44	2,532	10	866	6,436
For Petrochemical Feedstock Use	387	0	387	0	162	0	28	190	20	939	33	1	0	993	-11	134	1,693
For Other Uses	645	70	715	23	1,115	221	377	1,736	270	780	369	76	44	1,539	21	732	4,743
Ethane	0	0	0	0	22	0	0	22	0	123	7	0	0	130	0	4	156
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	123	7	0	0	130	0	0	130
For Other Uses	0	0	0	0	22	0	0	22	0	0	0	0	0	0	0	4	26
Propane	843	70	913	23	1,245	221	533	2,022	238	1,538	544	65	35	2,420	112	645	6,112
For Petrochemical Feedstock Use	320	0	320	0	162	0	26	188	0	599	25	0	0	624	2	73	1,207
For Other Uses	523	70	593	23	1,083	221	507	1,834	238	939	519	65	35	1,796	110	572	4,905
Butane	189	0	189	0	10	0	–128	–118	32	24	–127	10	6	–55	–75	205	146
For Petrochemical Feedstock Use	67	0	67	0	0	0	2	2	0	213	1	1	0	215	0	61	345
For Other Uses	122	0	122	0	10	0	–130	–120	32	-189	–128	9	6	–270	–75	144	-199
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	5	30	–22	2	3	18	–14	12	16
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	5
For Other Uses	0	0	0	0	0	0	0	0	0	30	–22	2	3	13	–14	12	11
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	15	4	0	0	0	19	–13	0	6
Finished Motor Gasoline	16,991	1,150	18,141	1,002	30,088	3,515	14,886	49,491	7,141	34,984	23,114	1,892	1,037	68,168	5,416	23,883	165,099
Finished Leaded Motor Gasoline	7,352	587	7,939	557	13,785	1,821	8,449	24,612	3,964	12,349	11,509	1,281	614	29,717	3,434	11,327	77,029
Finished Unleaded Motor Gasoline	9,639	563	10,202	445	16,271	1,694	6,431	24,841	3,175	22,635	11,605	611	423	38,449	1,982	12,477	87,951
Gasohol	0	0	0	0	32	0	6	38	2	0	0	0	0	2	0	79	119
Finished Aviation Gasoline	0	0	0	0	76	0	36	112	7	169	128	0	0	304	27	113	556
Naphtha-Type Jet Fuel	647	0	647	0	343	57	484	884	574	616	243	87	276	1,796	334	1,520	5,181
Kerosene-Type Jet Fuel	1,062	85	1,147	133	2,672	131	465	3,401	754	4,717	6,177	19	24	11,691	421	6,220	22,880
Kerosene	319	77	396	0	896	34	51	981	48	1,463	1,084	0	27	2,622	118	180	4,297
Distillate Fuel Oil	7,367	684	8,051	336	9,489	1,577	6,578	17,980	3,056	16,335	8,972	1,283	700	30,346	2,586	8,981	67,944
Distillate Fuel Oil Less No. 4	7,367	664	8,031	336	9,454	1,577	6,578	17,945	3,021	16,028	8,892	1,241	509	29,691	2,556	8,901	67,124
No. 4 Fuel Oil	0	20	20	0	35	0	0	35	35	307	80	42	191	655	30	80	820
Residual Fuel Oil	5,029	250	5,279	133	2,275	410	657	3,475	974	5,892	5,218	403	130	12,617	401	11,423	33,195
Naphtha < 400 Deg. For Petro. Feed. Use	334	0	334	0	297	0	63	360	349	3,940	159	27	0	4,475	1	142	5,312
Other Oils > 400 Deg. For Petro. Feed. Use	8	45	53	0	1,160	0	0	1,160	-20	3,589	2,636	42	0	6,247	0	168	7,628
Special Naphthas	13	18	31	0	127	0	12	139	112	764	58	168	0	1,102	5	54	1,331
Lubricants	122	345	467	0	466	0	352	818	2	1,693	610	189	0	2,494	16	288	4,083
Bright Stock	0	181	181	0	21	0	64	85	0	99	53	0	0	152	0	16	434
Neutral	13	151	164	0	350	0	197	547	0	769	458	79	0	1,306	12	226	2,255
Other Grades	109	13	122	0	95	0	91	186	2	825	99	110	0	1,036	4	46	1,394
Wax	12	65	77	0	15	0	24	39	6	105	58	20	0	189	18	62	385
Microcrystalline	1	11	12	0	0	0	22	22	6	12	0	20	0	38	0	0	72
Crystalline--Fully Refined	3	16	19	0	13	0	-5	8	0	52	58	0	0	110	18	37	192
Crystalline--Other	8	38	46	0	2	0	7	9	0	41	0	0	0	41	0	25	121
Petroleum Coke	1,007	28	1,035	21	1,957	287	946	3,211	278	2,129	1,373	131	10	3,921	278	2,592	11,037
Marketable	330	0	330	0	1,152	175	570	1,897	54	1,050	899	110	0	2,113	149	1,913	6,402
Catalyst	677	28	705	21	805	112	376	1,314	224	1,079	474	21	10	1,808	129	679	4,635
Asphalt	633	32	665	36	899	475	496	1,906	264	230	457	418	49	1,418	507	902	5,398
Road Oil	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5	6
Still Gas	1,398	129	1,527	55	1,998	222	1,151	3,426	397	3,700	2,024	156	43	6,320	424	2,815	14,512
For Petrochemical Feedstock Use	42	0	42	0	2	0	0	2	2	432	30	0	0	464	1	6	515
For Other Uses	1,356	129	1,485	55	1,996	222	1,151	3,424	395	3,268	1,994	156	43	5,856	423	2,809	13,997
Miscellaneous Products	442	24	466	2	69	17	65	153	103	901	376	34	0	1,414	21	223	2,277
Total Output	36,416	3,002	39,418	1,741	54,105	6,946	26,671	89,463	14,335	82,946	53,089	4,946	2,340	157,656	10,583	60,437	357,557
Processing Gain(-) or Loss(+)[1]	–1,505	–127	–1,632	–40	–3,375	–315	–519	–4,249	–138	–3,890	–1,705	–68	14	–5,787	–153	–3,402	–15,223

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, March 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,222	58	1,280	26	1,409	231	467	2,133	360	1,877	916	81	48	3,282	-7	1,206	7,894
For Petrochemical Feedstock Use	436	0	436	0	166	0	23	189	21	1,358	380	4	0	1,763	-12	165	2,541
For Other Uses	786	58	844	26	1,243	231	444	1,944	339	519	536	77	48	1,519	5	1,041	5,353
Ethane	0	0	0	0	26	0	0	26	0	178	3	0	0	181	0	15	222
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	178	3	0	0	181	0	0	181
For Other Uses	0	0	0	0	26	0	0	26	0	0	0	0	0	0	0	15	41
Propane	1,092	58	1,150	26	1,405	231	591	2,253	311	1,649	1,044	64	40	3,108	119	892	7,522
For Petrochemical Feedstock Use	380	0	380	0	166	0	23	189	0	789	266	0	0	1,055	2	94	1,720
For Other Uses	712	58	770	26	1,239	231	568	2,064	311	860	778	64	40	2,053	117	798	5,802
Butane	130	0	130	0	-22	0	-124	-146	28	13	-194	14	3	-136	-100	310	58
For Petrochemical Feedstock Use	56	0	56	0	0	0	0	0	0	391	0	4	0	395	1	71	523
For Other Uses	74	0	74	0	-22	0	-124	-146	28	-378	-194	10	3	-531	-101	239	-465
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	5	37	63	3	5	113	-11	-11	91
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	5	0	111	0	0	116	0	0	116
For Other Uses	0	0	0	0	0	0	0	0	0	37	-48	3	5	-3	-11	-11	-25
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	16	0	0	0	0	16	-15	0	1
Finished Motor Gasoline	17,345	1,326	18,671	1,168	31,179	4,226	14,971	51,544	7,905	40,377	29,675	2,120	1,102	81,179	6,304	28,033	185,731
Finished Leaded Motor Gasoline	7,577	678	8,255	559	14,613	2,297	9,040	26,509	3,922	16,740	14,791	1,512	600	37,565	4,051	12,792	89,172
Finished Unleaded Motor Gasoline	9,768	648	10,416	609	16,560	1,929	5,924	25,022	3,983	23,637	14,884	608	502	43,614	2,253	15,154	96,459
Gasohol	0	0	0	0	6	0	7	13	0	0	0	0	0	0	0	87	100
Finished Aviation Gasoline	9	0	9	0	75	0	40	115	13	259	107	0	0	379	15	115	633
Naphtha-Type Jet Fuel	743	0	743	0	301	84	657	1,042	734	1,168	492	132	412	2,938	413	1,738	6,874
Kerosene-Type Jet Fuel	1,354	98	1,452	112	3,244	227	960	4,543	617	6,063	7,625	18	32	14,355	571	7,026	27,947
Kerosene	61	35	96	0	473	2	7	482	79	1,209	1,130	2	24	2,444	47	195	3,264
Distillate Fuel Oil	8,419	812	9,231	400	9,141	1,679	6,768	17,988	3,191	16,597	9,840	1,471	802	31,901	2,948	8,873	70,941
Distillate Fuel Oil Less No. 4	8,419	799	9,218	400	9,120	1,679	6,768	17,967	3,186	16,192	10,154	1,418	574	31,524	2,920	8,800	70,429
No. 4 Fuel Oil	0	13	13	0	21	0	0	21	5	405	-314	53	228	377	28	73	512
Residual Fuel Oil	5,184	204	5,388	119	2,357	247	815	3,538	1,007	6,226	5,802	482	148	13,665	312	11,918	34,821
Naphtha < 400 Deg. For Petro. Feed. Use	373	0	373	0	571	0	86	657	389	3,958	152	2	0	4,501	0	144	5,675
Other Oils > 400 Deg. For Petro. Feed. Use	10	54	64	0	1,087	0	0	1,087	125	3,636	3,007	61	0	6,829	0	226	8,206
Special Naphthas	13	17	30	0	196	0	100	296	131	784	53	215	0	1,183	4	181	1,694
Lubricants	323	423	746	0	453	0	366	819	38	1,517	619	145	0	2,319	3	368	4,255
Bright Stock	-1	177	176	0	18	0	-21	-3	0	111	49	0	0	160	1	34	368
Neutral	78	226	304	0	300	0	228	528	0	650	499	80	0	1,229	4	207	2,272
Other Grades	246	20	266	0	135	0	159	294	38	756	71	65	0	930	-2	127	1,615
Wax	16	85	101	0	17	0	30	47	6	135	67	24	0	232	2	64	446
Microcrystalline	1	26	27	0	0	0	24	24	6	12	0	24	0	42	0	0	93
Crystalline--Fully Refined	5	11	16	0	13	0	-2	11	0	55	67	0	0	122	2	41	192
Crystalline--Other	10	48	58	0	4	0	8	12	0	68	0	0	0	68	0	23	161
Petroleum Coke	1,235	44	1,279	25	2,010	315	1,000	3,350	255	2,572	1,718	128	9	4,682	357	3,086	12,754
Marketable	505	0	505	0	1,225	196	611	2,032	65	1,192	1,040	104	0	2,401	205	2,285	7,428
Catalyst	730	44	774	25	785	119	389	1,318	190	1,380	678	24	9	2,281	152	801	5,326
Asphalt	946	114	1,060	89	944	403	515	1,951	278	337	808	659	87	2,169	509	1,367	7,056
Road Oil	0	0	0	0	3	0	1	4	0	0	0	0	0	0	3	27	34
Still Gas	1,557	96	1,653	69	2,209	237	1,246	3,761	321	4,514	2,512	172	63	7,582	515	3,222	16,733
For Petrochemical Feedstock Use	43	0	43	0	2	0	0	2	2	455	99	0	0	556	12	4	617
For Other Uses	1,514	96	1,610	69	2,207	237	1,246	3,759	319	4,059	2,413	172	63	7,026	503	3,218	16,116
Miscellaneous Products	327	22	349	3	-184	21	56	-104	91	951	198	41	-1	1,280	22	254	1,801
Total Output	39,137	3,388	42,525	2,011	55,485	7,672	28,085	93,253	15,540	92,180	64,721	5,753	2,726	180,920	12,018	68,043	396,759
Processing Gain(-) or Loss(+)[1]	-1,975	39	-1,936	-81	-2,549	-449	-955	-4,034	-151	-3,773	-2,136	-49	-12	-6,121	-147	-3,537	-15,775

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[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, April 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,272	72	1,344	31	1,252	122	426	1,831	201	2,156	822	85	52	3,316	42	1,354	7,887
For Petrochemical Feedstock Use	370	0	370	0	170	2	41	213	24	1,227	354	9	0	1,614	-15	182	2,364
For Other Uses	902	72	974	31	1,082	120	385	1,618	177	929	468	76	52	1,702	57	1,172	5,523
Ethane	0	0	0	0	22	0	0	22	0	178	2	0	0	180	0	11	213
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	178	2	0	0	180	0	0	180
For Other Uses	0	0	0	0	22	0	0	22	0	0	0	0	0	0	0	11	33
Propane	996	72	1,068	31	1,220	107	531	1,889	217	1,853	1,019	62	30	3,181	108	832	7,078
For Petrochemical Feedstock Use	332	0	332	0	170	0	42	212	0	785	291	0	0	1,076	3	120	1,743
For Other Uses	664	72	736	31	1,050	107	489	1,677	217	1,068	728	62	30	2,105	105	712	5,335
Butane	269	0	269	0	10	15	-105	-80	-42	76	-156	20	11	-91	-40	372	430
For Petrochemical Feedstock Use	38	0	38	0	0	2	-1	1	0	264	0	9	0	273	3	62	377
For Other Uses	231	0	231	0	10	13	-104	-81	-42	-188	-156	11	11	-364	-43	310	53
Butane-Propane Mixtures	7	0	7	0	0	0	0	0	14	49	-43	3	11	34	-5	139	175
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	12	0	61	0	0	73	0	0	73
For Other Uses	7	0	7	0	0	0	0	0	2	49	-104	3	11	-39	-5	139	102
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	12	0	0	0	0	12	-21	0	-9
Finished Motor Gasoline	17,902	1,343	19,245	1,132	30,059	4,198	14,325	49,714	7,588	39,876	29,807	1,881	889	80,041	6,228	27,569	182,797
Finished Leaded Motor Gasoline	7,524	656	8,180	568	13,998	2,450	8,661	25,677	4,010	15,753	15,123	1,284	639	36,809	3,994	12,719	87,379
Finished Unleaded Motor Gasoline	10,378	687	11,065	564	16,025	1,748	5,658	23,995	3,577	24,123	14,684	597	250	43,231	2,234	14,793	95,318
Gasohol	0	0	0	0	36	0	6	42	1	0	0	0	0	1	0	57	100
Finished Aviation Gasoline	4	0	4	0	40	0	18	58	5	155	122	0	0	282	28	122	494
Naphtha-Type Jet Fuel	656	91	747	0	305	88	595	988	515	1,317	315	149	313	2,609	452	1,592	6,388
Kerosene-Type Jet Fuel	817	59	876	134	2,701	274	753	3,862	879	4,869	7,121	15	14	12,898	506	5,775	23,917
Kerosene	106	75	181	0	462	19	111	592	18	1,497	1,155	-2	-6	2,662	8	169	3,612
Distillate Fuel Oil	6,785	885	7,670	349	9,148	1,701	6,437	17,635	3,095	17,221	10,948	1,268	684	33,216	2,971	9,250	70,742
Distillate Fuel Oil Less No. 4	6,785	875	7,660	349	9,139	1,701	6,437	17,626	3,085	16,834	11,059	1,210	497	32,685	2,943	9,189	70,103
No. 4 Fuel Oil	0	10	10	0	9	0	0	9	10	387	-111	58	187	531	28	61	639
Residual Fuel Oil	4,544	129	4,673	95	2,242	267	709	3,313	778	6,973	6,786	395	107	15,039	340	11,614	34,979
Naphtha < 400 Deg. For Petro. Feed. Use	347	0	347	0	450	0	83	533	280	2,792	202	0	0	3,274	0	243	4,397
Other Oils > 400 Deg. For Petro. Feed. Use	4	56	60	0	1,150	0	0	1,150	155	3,511	2,724	31	0	6,421	0	244	7,875
Special Naphthas	7	12	19	0	170	0	114	284	117	700	87	162	0	1,066	7	63	1,439
Lubricants	255	372	627	0	511	0	376	887	14	1,909	514	170	0	2,607	32	373	4,526
Bright Stock	-1	110	109	0	10	0	23	33	0	134	39	0	0	173	1	28	344
Neutral	93	245	338	0	375	0	269	644	0	649	424	83	0	1,156	32	266	2,436
Other Grades	163	17	180	0	126	0	84	210	14	1,126	51	87	0	1,278	-1	79	1,746
Wax	20	77	97	0	6	0	29	35	3	107	70	28	0	208	6	66	412
Microcrystalline	0	26	26	0	0	0	23	23	3	10	0	28	0	41	0	0	90
Crystalline--Fully Refined	9	14	23	0	5	0	2	7	0	33	70	0	0	103	6	42	181
Crystalline--Other	11	37	48	0	1	0	4	5	0	64	0	0	0	64	0	24	141
Petroleum Coke	1,121	48	1,169	23	1,835	326	878	3,062	274	2,406	1,711	108	5	4,504	300	3,112	12,147
Marketable	378	0	378	0	1,051	212	508	1,771	62	1,117	1,029	85	0	2,293	184	2,300	6,926
Catalyst	743	48	791	23	784	114	370	1,291	212	1,289	682	23	5	2,211	116	812	5,221
Asphalt	1,723	86	1,809	95	1,257	376	765	2,493	272	386	532	722	51	1,963	445	1,269	7,979
Road Oil	0	0	0	0	9	0	5	14	0	0	0	0	0	0	8	174	196
Still Gas	1,433	118	1,551	67	2,248	252	1,116	3,683	354	4,466	2,435	164	21	7,440	444	2,883	16,001
For Petrochemical Feedstock Use	28	0	28	0	1	0	0	1	0	411	101	0	0	512	12	4	557
For Other Uses	1,405	118	1,523	67	2,247	252	1,116	3,682	354	4,055	2,334	164	21	6,928	432	2,879	15,444
Miscellaneous Products	362	19	381	3	53	23	60	139	91	992	433	32	-2	1,546	17	199	2,282
Total Output	37,358	3,442	40,800	1,929	53,898	7,646	26,800	90,273	14,639	91,333	65,784	5,208	2,128	179,092	11,834	66,071	388,070
Processing Gain(-) or Loss(+)[1]	-1,447	-2	-1,449	-38	-2,856	-244	-660	-3,798	-206	-4,130	-1,883	-40	4	-6,255	-152	-3,061	-14,715

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, May 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,470	72	1,542	34	1,478	159	423	2,094	308	2,452	1,148	91	54	4,053	69	943	8,701
For Petrochemical Feedstock Use	465	0	465	0	172	4	48	224	13	1,212	355	7	0	1,587	-8	218	2,486
For Other Uses	1,005	72	1,077	34	1,306	155	375	1,870	295	1,240	793	84	54	2,466	77	725	6,215
Ethane	0	0	0	0	21	0	0	21	0	21	3	0	0	24	0	13	58
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	21	3	0	0	24	0	0	24
For Other Uses	0	0	0	0	21	0	0	21	0	0	0	0	0	0	0	13	34
Propane	1,176	72	1,248	34	1,451	152	527	2,164	293	2,146	1,315	71	27	3,852	104	706	8,074
For Petrochemical Feedstock Use	430	0	430	0	172	0	47	219	0	901	271	0	0	1,172	3	136	1,960
For Other Uses	746	72	818	34	1,279	152	480	1,945	293	1,245	1,044	71	27	2,680	101	570	6,114
Butane	283	0	283	0	6	7	-104	-91	1	-6	-26	18	12	-1	-24	146	313
For Petrochemical Feedstock Use	35	0	35	0	0	4	1	5	0	31	81	7	0	119	3	82	244
For Other Uses	248	0	248	0	6	3	-105	-96	1	-37	-107	11	12	-120	-27	64	69
Butane-Propane Mixtures	11	0	11	0	0	0	0	0	1	288	-144	2	15	162	3	78	254
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	256	0	0	0	256	0	0	256
For Other Uses	11	0	11	0	0	0	0	0	1	32	-144	2	15	-94	3	78	-2
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	13	3	0	0	0	16	-14	0	2
Finished Motor Gasoline	19,183	1,452	20,635	1,121	32,411	4,323	14,390	52,245	8,043	45,350	32,315	1,910	967	88,585	6,681	27,705	195,851
Finished Leaded Motor Gasoline	8,386	716	9,102	556	15,883	2,613	9,244	28,296	4,108	17,996	17,169	1,339	582	41,194	4,336	12,543	95,471
Finished Unleaded Motor Gasoline	10,797	736	11,533	565	16,512	1,710	5,140	23,927	3,933	27,354	15,146	571	385	47,389	2,345	15,095	100,289
Gasohol	0	0	0	0	16	0	6	22	2	0	0	0	0	2	0	67	91
Finished Aviation Gasoline	11	0	11	0	32	0	44	76	3	332	82	0	0	417	20	283	807
Naphtha-Type Jet Fuel	626	318	944	0	492	97	506	1,095	559	947	353	167	359	2,385	490	1,407	6,321
Kerosene-Type Jet Fuel	627	67	694	62	2,267	216	392	2,937	793	5,148	6,001	17	23	11,982	449	5,608	21,670
Kerosene	-12	31	19	0	285	3	130	418	25	578	1,127	6	20	1,756	5	191	2,389
Distillate Fuel Oil	7,799	882	8,681	455	10,840	1,944	7,297	20,536	3,572	20,544	12,508	1,382	781	38,787	3,176	9,988	81,168
Distillate Fuel Oil Less No. 4	7,799	872	8,671	455	10,800	1,944	7,297	20,496	3,498	20,412	12,622	1,312	569	38,413	3,150	9,862	80,592
No. 4 Fuel Oil	0	10	10	0	40	0	0	40	74	132	-114	70	212	374	26	126	576
Residual Fuel Oil	3,925	174	4,099	57	2,367	459	720	3,603	736	7,808	6,914	368	102	15,928	228	11,121	34,979
Naphtha < 400 Deg. For Petro. Feed. Use	258	0	258	0	-1	0	89	88	309	3,268	263	5	0	3,845	1	322	4,514
Other Oils > 400 Deg. For Petro. Feed. Use	11	57	68	0	1,504	0	0	1,504	215	4,543	2,647	45	0	7,450	0	272	9,294
Special Naphthas	9	20	29	0	157	0	91	248	129	658	13	155	0	955	5	172	1,409
Lubricants	163	329	492	0	548	0	424	972	11	1,814	699	195	-1	2,718	2	408	4,592
Bright Stock	13	131	144	0	30	0	48	78	0	108	69	0	0	177	0	35	434
Neutral	90	187	277	0	427	0	281	708	0	754	584	98	0	1,436	2	277	2,700
Other Grades	60	11	71	0	91	0	95	186	11	952	46	97	-1	1,105	0	96	1,458
Wax	21	75	96	0	34	0	30	64	3	133	90	32	0	258	1	58	477
Microcrystalline	1	24	25	0	0	0	28	28	3	8	1	32	0	44	0	0	97
Crystalline--Fully Refined	12	11	23	0	31	0	-4	27	0	58	89	0	0	147	1	35	233
Crystalline--Other	8	40	48	0	3	0	6	9	0	67	0	0	0	67	0	23	147
Petroleum Coke	1,087	33	1,120	22	1,687	309	973	2,991	276	2,516	2,110	137	6	5,045	282	3,225	12,663
Marketable	274	0	274	0	810	197	589	1,596	51	1,068	923	112	0	2,154	195	2,444	6,663
Catalyst	813	33	846	22	877	112	384	1,395	225	1,448	1,187	25	6	2,891	87	781	6,000
Asphalt	1,693	94	1,787	120	1,934	467	791	3,312	559	473	1,251	709	87	3,079	633	1,735	10,546
Road Oil	0	0	0	0	45	0	2	47	0	0	0	0	0	0	8	16	71
Still Gas	1,684	131	1,815	74	2,303	248	1,158	3,783	361	5,021	2,294	198	40	7,914	452	3,273	17,237
For Petrochemical Feedstock Use	31	0	31	0	1	0	0	1	3	409	106	0	0	518	26	31	607
For Other Uses	1,653	131	1,784	74	2,302	248	1,158	3,782	358	4,612	2,188	198	40	7,396	426	3,242	16,630
Miscellaneous Products	452	22	474	3	99	22	55	179	123	784	536	53	-2	1,494	15	133	2,295
Total Output	39,007	3,757	42,764	1,948	58,482	8,247	27,515	96,192	16,025	102,369	70,351	5,470	2,436	196,651	12,517	66,860	414,984
Processing Gain(-) or Loss(+)[1]	-2,040	12	-2,028	-71	-3,141	-420	-774	-4,406	-247	-4,749	-2,184	-40	21	-7,199	-64	-2,501	-16,198

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, June 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,600	76	1,676	32	1,615	216	378	2,241	242	1,895	1,170	68	70	3,445	133	1,309	8,804
For Petrochemical Feedstock Use	360	0	360	0	180	4	44	228	11	847	202	7	0	1,067	-3	230	1,882
For Other Uses	1,240	76	1,316	32	1,435	212	334	2,013	231	1,048	968	61	70	2,378	136	1,079	6,922
Ethane	0	0	0	0	18	0	0	18	0	34	11	0	0	45	4	14	81
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	34	11	0	0	45	0	0	45
For Other Uses	0	0	0	0	18	0	0	18	0	0	0	0	0	0	4	14	36
Propane	1,041	76	1,117	32	1,578	178	538	2,326	215	2,022	1,300	55	47	3,639	148	780	8,010
For Petrochemical Feedstock Use	292	0	292	0	180	0	46	226	0	814	119	0	0	933	4	116	1,571
For Other Uses	749	76	825	32	1,398	178	492	2,100	215	1,208	1,181	55	47	2,706	144	664	6,439
Butane	523	0	523	0	19	38	-160	-103	16	-191	35	13	16	-111	-1	427	735
For Petrochemical Feedstock Use	68	0	68	0	0	4	-2	2	0	12	72	7	0	91	3	114	278
For Other Uses	455	0	455	0	19	34	-158	-105	16	-203	-37	6	16	-202	-4	313	457
Butane-Propane Mixtures	36	0	36	0	0	0	0	0	0	43	-176	0	7	-126	-8	88	-10
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For Other Uses	36	0	36	0	0	0	0	0	0	43	-176	0	7	-126	-8	88	-10
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	11	-13	0	0	0	-2	-10	0	-12
Finished Motor Gasoline	17,686	1,213	18,899	1,103	34,933	4,811	14,699	55,546	8,129	46,183	33,556	1,765	1,108	90,741	7,033	30,359	202,578
Finished Leaded Motor Gasoline	7,736	641	8,377	532	16,198	2,746	9,152	28,628	3,921	17,498	17,309	1,231	660	40,619	4,539	13,743	95,906
Finished Unleaded Motor Gasoline	9,950	572	10,522	571	18,720	2,065	5,543	26,899	4,207	28,685	16,247	534	448	50,121	2,494	16,547	106,583
Gasohol	0	0	0	0	15	0	4	19	1	0	0	0	0	1	0	69	89
Finished Aviation Gasoline	14	0	14	0	111	0	40	151	7	196	161	0	0	364	13	290	832
Naphtha-Type Jet Fuel	881	181	1,062	51	374	73	409	907	678	875	417	176	347	2,493	427	1,532	6,421
Kerosene-Type Jet Fuel	1,240	66	1,306	13	2,681	122	499	3,315	702	3,825	5,907	18	35	10,487	454	5,906	21,468
Kerosene	0	15	15	0	372	1	-16	357	12	1,142	925	9	16	2,104	6	174	2,656
Distillate Fuel Oil	7,538	879	8,417	433	10,797	2,172	6,667	20,069	3,435	21,670	12,146	1,417	822	39,490	3,714	10,193	81,883
Distillate Fuel Oil Less No. 4	7,538	872	8,410	433	10,761	2,172	6,667	20,033	3,436	21,326	12,397	1,357	652	39,168	3,680	10,152	81,443
No. 4 Fuel Oil	0	7	7	0	36	0	0	36	-1	344	-251	60	170	322	34	41	440
Residual Fuel Oil	3,725	257	3,982	74	2,264	326	666	3,330	813	6,295	7,411	454	70	15,043	305	9,552	32,212
Naphtha < 400 Deg. For Petro. Feed. Use	271	0	271	0	64	0	86	150	437	3,322	189	15	0	3,963	2	217	4,603
Other Oils > 400 Deg. For Petro. Feed. Use	6	53	59	0	1,473	0	1	1,474	249	3,795	2,616	39	0	6,699	0	152	8,384
Special Naphthas	15	31	46	-1	264	0	176	439	121	785	37	104	0	1,047	8	137	1,677
Lubricants	167	344	511	0	529	0	443	972	17	1,814	645	218	0	2,694	28	394	4,599
Bright Stock	10	103	113	0	25	0	12	37	0	172	50	0	0	222	0	33	405
Neutral	90	208	298	0	392	0	308	700	0	873	485	88	0	1,446	30	254	2,728
Other Grades	67	33	100	0	112	0	123	235	17	769	110	130	0	1,026	-2	107	1,466
Wax	21	81	102	0	20	0	37	57	6	118	69	33	0	226	1	63	449
Microcrystalline	0	14	14	0	0	0	24	24	6	11	0	33	0	50	0	0	88
Crystalline--Fully Refined	11	17	28	0	21	0	5	26	0	35	69	0	0	104	1	41	200
Crystalline--Other	10	50	60	0	-1	0	8	7	0	72	0	0	0	72	0	22	161
Petroleum Coke	891	31	922	23	1,832	333	881	3,069	271	2,619	1,553	155	10	4,608	301	3,247	12,147
Marketable	223	0	223	0	981	207	482	1,670	70	1,177	867	133	0	2,247	165	2,436	6,741
Catalyst	668	31	699	23	851	126	399	1,399	201	1,442	686	22	10	2,361	136	811	5,406
Asphalt	3,086	30	3,116	146	2,175	601	647	3,569	539	568	1,190	807	93	3,197	744	1,845	12,471
Road Oil	0	0	0	0	2	0	8	10	0	0	0	0	0	0	5	84	99
Still Gas	1,623	129	1,752	75	2,628	262	1,045	4,010	371	5,028	2,833	179	55	8,466	480	3,396	18,104
For Petrochemical Feedstock Use	11	0	11	0	2	0	0	2	5	212	105	0	0	322	20	44	399
For Other Uses	1,612	129	1,741	75	2,626	262	1,045	4,008	366	4,816	2,728	179	55	8,144	460	3,352	17,705
Miscellaneous Products	511	41	552	3	103	23	37	166	113	667	498	42	-1	1,319	18	164	2,219
Total Output	39,275	3,427	42,702	1,952	62,237	8,940	26,703	99,832	16,142	100,797	71,323	5,499	2,625	196,386	13,672	69,014	421,606
Processing Gain(-) or Loss(+)[1]	-1,707	-9	-1,716	-57	-2,137	-123	-707	-3,024	-176	-3,353	-1,824	-70	-17	-5,440	-279	-4,108	-14,567

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, July 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,329	14	1,343	33	1,665	188	524	2,410	224	2,467	1,250	75	80	4,096	70	1,405	9,324
For Petrochemical Feedstock Use	346	0	346	0	186	1	45	232	12	1,293	216	6	0	1,527	-8	219	2,316
For Other Uses	983	14	997	33	1,479	187	479	2,178	212	1,174	1,034	69	80	2,569	78	1,186	7,008
Ethane	0	0	0	0	19	0	0	19	0	78	8	0	0	86	0	12	117
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	78	8	0	0	86	0	0	86
For Other Uses	0	0	0	0	19	0	0	19	0	0	0	0	0	0	0	12	31
Propane	1,058	14	1,072	33	1,629	185	602	2,449	209	2,215	1,242	60	53	3,779	161	908	8,369
For Petrochemical Feedstock Use	308	0	308	0	186	0	45	231	0	876	105	0	0	981	1	176	1,697
For Other Uses	750	14	764	33	1,443	185	557	2,218	209	1,339	1,137	60	53	2,798	160	732	6,672
Butane	247	0	247	0	17	3	-78	-58	3	148	70	13	21	255	-68	424	800
For Petrochemical Feedstock Use	38	0	38	0	0	1	0	1	0	361	85	6	0	452	0	43	534
For Other Uses	209	0	209	0	17	2	-78	-59	3	-213	-15	7	21	-197	-68	381	266
Butane-Propane Mixtures	24	0	24	0	0	0	0	0	0	48	-70	2	6	-14	-14	61	57
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	18	0	0	18	0	0	18
For Other Uses	24	0	24	0	0	0	0	0	0	48	-88	2	6	-32	-14	61	39
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	12	-22	0	0	0	-10	-9	0	-19
Finished Motor Gasoline	19,321	987	20,308	1,023	35,698	5,103	15,117	56,941	8,176	47,766	35,050	2,007	1,191	94,190	7,721	30,607	209,767
Finished Leaded Motor Gasoline	8,044	492	8,536	517	16,396	2,955	8,903	28,771	3,917	19,021	17,280	1,330	661	42,209	4,913	14,678	99,107
Finished Unleaded Motor Gasoline	11,277	495	11,772	506	19,279	2,148	6,210	28,143	4,258	28,745	17,770	677	530	51,980	2,808	15,856	110,559
Gasohol	0	0	0	0	23	0	4	27	1	0	0	0	0	1	0	73	101
Finished Aviation Gasoline	11	0	11	0	121	0	60	181	3	247	72	0	0	322	40	282	836
Naphtha-Type Jet Fuel	483	111	594	20	418	66	476	980	749	1,335	424	232	315	3,055	387	1,912	6,928
Kerosene-Type Jet Fuel	1,408	4	1,412	48	2,844	170	529	3,591	715	3,527	6,569	14	31	10,856	557	6,634	23,050
Kerosene	43	-21	22	0	382	37	-33	386	63	949	1,069	4	-6	2,079	5	161	2,653
Distillate Fuel Oil	8,310	700	9,010	469	12,469	1,943	7,191	22,072	3,608	21,871	11,836	1,601	894	39,810	3,928	9,937	84,757
Distillate Fuel Oil Less No. 4	8,310	696	9,006	469	12,449	1,943	7,191	22,052	3,596	21,689	12,191	1,529	697	39,702	3,896	9,833	84,489
No. 4 Fuel Oil	0	4	4	0	20	0	0	20	12	182	-355	72	197	108	32	104	268
Residual Fuel Oil	3,726	213	3,939	74	2,249	462	614	3,399	669	7,004	7,150	500	80	15,403	312	8,812	31,865
Naphtha < 400 Deg. For Petro. Feed. Use	482	0	482	0	91	0	97	188	436	3,162	-153	1	0	3,446	2	241	4,359
Other Oils > 400 Deg. For Petro. Feed. Use	173	1	174	0	1,698	0	1	1,699	291	3,260	2,648	54	0	6,253	0	185	8,311
Special Naphthas	6	18	24	0	272	0	201	473	128	988	19	244	0	1,379	7	139	2,022
Lubricants	166	384	550	0	513	0	311	824	19	1,808	716	215	0	2,758	29	459	4,620
Bright Stock	9	130	139	0	20	0	2	22	0	100	83	0	0	183	3	30	377
Neutral	58	215	273	0	397	0	240	637	0	673	557	82	0	1,312	28	299	2,549
Other Grades	99	39	138	0	96	0	69	165	19	1,035	76	133	0	1,263	-2	130	1,694
Wax	13	82	95	0	-15	0	25	10	7	141	46	34	0	228	6	52	391
Microcrystalline	0	27	27	0	0	0	17	17	7	19	0	34	0	60	0	0	104
Crystalline--Fully Refined	5	12	17	0	-16	0	4	-12	0	69	46	0	0	115	6	35	161
Crystalline--Other	8	43	51	0	1	0	4	5	0	53	0	0	0	53	0	17	126
Petroleum Coke	1,333	2	1,335	30	2,022	345	958	3,355	315	2,794	1,683	125	10	4,927	273	3,471	13,361
Marketable	562	0	562	0	1,165	219	567	1,951	67	1,295	976	102	0	2,440	129	2,593	7,675
Catalyst	771	2	773	30	857	126	391	1,404	248	1,499	707	23	10	2,487	144	878	5,686
Asphalt	3,115	42	3,157	155	2,488	646	661	3,950	591	689	1,278	826	94	3,478	699	1,785	13,069
Road Oil	0	0	0	0	20	0	6	26	0	0	0	0	0	0	4	21	51
Still Gas	1,816	125	1,941	78	2,669	274	1,141	4,162	436	5,212	2,820	201	53	8,722	553	3,578	18,956
For Petrochemical Feedstock Use	42	0	42	0	1	0	0	1	5	308	113	0	0	426	25	51	545
For Other Uses	1,774	125	1,899	78	2,668	274	1,141	4,161	431	4,904	2,707	201	53	8,296	528	3,527	18,411
Miscellaneous Products	617	44	661	3	127	22	53	205	106	939	332	46	0	1,423	24	293	2,606
Total Output	42,352	2,706	45,058	1,933	65,731	9,256	27,932	104,852	16,536	104,159	72,809	6,179	2,742	202,425	14,617	69,974	436,926
Processing Gain(-) or Loss(+)[1]	-2,057	66	-1,991	-61	-2,420	-149	-1,134	-3,764	-276	-4,561	-2,418	-49	-27	-7,331	-149	-3,501	-16,736

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[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, August 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,452	7	1,459	8	1,542	188	526	2,264	243	2,072	1,073	77	78	3,543	84	1,357	8,707
For Petrochemical Feedstock Use	338	0	338	0	159	0	45	204	12	963	266	7	0	1,248	-9	218	1,999
For Other Uses	1,114	7	1,121	8	1,383	188	481	2,060	231	1,109	807	70	78	2,295	93	1,139	6,708
Ethane	0	0	0	0	37	0	0	37	0	33	7	0	0	40	0	3	80
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	33	7	0	0	40	0	0	40
For Other Uses	0	0	0	0	37	0	0	37	0	0	0	0	0	0	0	3	40
Propane	1,085	7	1,092	8	1,523	184	552	2,267	229	2,102	1,095	60	49	3,535	161	959	8,014
For Petrochemical Feedstock Use	282	0	282	0	159	0	45	204	0	829	159	0	0	988	0	155	1,629
For Other Uses	803	7	810	8	1,364	184	507	2,063	229	1,273	936	60	49	2,547	161	804	6,385
Butane	360	0	360	0	-18	4	-26	-40	2	-79	95	15	19	52	-55	345	662
For Petrochemical Feedstock Use	56	0	56	0	0	0	0	0	0	126	87	7	0	220	0	63	339
For Other Uses	304	0	304	0	-18	4	-26	-40	2	-205	8	8	19	-168	-55	282	323
Butane-Propane Mixtures	7	0	7	0	0	0	0	0	0	41	-124	2	10	-71	-13	50	-27
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	13	0	0	13	0	0	13
For Other Uses	7	0	7	0	0	0	0	0	0	41	-137	2	10	-84	-13	50	-40
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	12	-25	0	0	0	-13	-9	0	-22
Finished Motor Gasoline	17,090	807	17,897	254	35,527	4,874	14,620	55,275	8,174	44,354	33,231	1,896	1,299	88,954	7,687	29,165	198,978
Finished Leaded Motor Gasoline	6,379	446	6,825	154	15,901	2,714	8,888	27,657	4,197	15,920	15,754	1,251	709	37,831	4,924	12,767	90,004
Finished Unleaded Motor Gasoline	10,711	361	11,072	100	19,600	2,160	5,728	27,588	3,976	28,434	17,477	645	590	51,122	2,763	16,318	108,863
Gasohol	0	0	0	0	26	0	4	30	1	0	0	0	0	1	0	80	111
Finished Aviation Gasoline	2	0	2	0	83	0	42	125	15	323	256	0	0	594	44	293	1,058
Naphtha-Type Jet Fuel	648	33	681	0	394	82	378	854	765	1,024	283	226	345	2,643	441	1,715	6,334
Kerosene-Type Jet Fuel	1,255	0	1,255	11	2,928	182	725	3,846	776	4,954	6,215	15	37	11,997	610	6,498	24,206
Kerosene	96	26	122	0	357	14	-89	282	63	846	1,134	3	-6	2,040	4	143	2,591
Distillate Fuel Oil	7,483	678	8,161	65	11,640	1,989	6,411	20,105	3,506	20,366	9,643	1,468	864	35,847	3,670	9,947	77,730
Distillate Fuel Oil Less No. 4	7,483	674	8,157	65	11,642	1,989	6,411	20,107	3,467	20,096	9,516	1,406	647	35,132	3,654	9,845	76,895
No. 4 Fuel Oil	0	4	4	0	-2	0	0	-2	39	270	127	62	217	715	16	102	835
Residual Fuel Oil	3,400	232	3,632	13	1,522	302	557	2,394	691	7,016	5,649	503	68	13,927	281	9,667	29,901
Naphtha < 400 Deg. For Petro. Feed. Use	436	0	436	0	73	0	83	156	419	3,322	-30	1	0	3,712	0	172	4,476
Other Oils > 400 Deg. For Petro. Feed. Use	10	0	10	0	1,505	0	1	1,506	265	3,643	2,921	44	0	6,873	0	380	8,769
Special Naphthas	17	14	31	0	240	0	44	284	96	662	77	196	0	1,031	3	113	1,462
Lubricants	247	397	644	0	464	0	330	794	21	1,624	588	202	0	2,435	34	454	4,361
Bright Stock	0	163	163	0	7	0	1	8	0	158	60	0	0	218	3	44	436
Neutral	75	228	303	0	345	0	245	590	0	674	455	89	0	1,218	33	281	2,425
Other Grades	172	6	178	0	112	0	84	196	21	792	73	113	0	999	-2	129	1,500
Wax	20	89	109	0	15	0	23	38	5	90	53	31	0	179	7	86	419
Microcrystalline	0	18	18	0	0	0	14	14	5	13	1	31	0	50	0	0	82
Crystalline--Fully Refined	11	17	28	0	13	0	2	15	0	50	52	0	0	102	7	52	204
Crystalline--Other	9	54	63	0	2	0	7	9	0	27	0	0	0	27	0	34	133
Petroleum Coke	1,314	16	1,330	7	1,766	318	883	2,974	293	2,644	1,678	124	12	4,751	384	3,387	12,826
Marketable	571	0	571	0	1,088	180	575	1,843	67	1,121	943	101	0	2,232	222	2,610	7,478
Catalyst	743	16	759	7	678	138	308	1,131	226	1,523	735	23	12	2,519	162	777	5,348
Asphalt	3,045	54	3,099	23	2,420	793	777	4,013	588	553	1,202	905	98	3,346	778	2,141	13,377
Road Oil	0	0	0	0	34	0	6	40	0	0	0	0	0	0	4	18	62
Still Gas	1,634	114	1,748	14	2,091	295	1,125	3,525	437	5,058	2,728	186	64	8,473	553	3,455	17,754
For Petrochemical Feedstock Use	31	0	31	0	0	0	0	0	5	493	108	0	0	606	16	98	751
For Other Uses	1,603	114	1,717	14	2,091	295	1,125	3,525	432	4,565	2,620	186	64	7,867	537	3,357	17,003
Miscellaneous Products	331	29	360	2	78	20	62	162	163	1,111	389	48	-1	1,710	24	251	2,507
Total Output	38,480	2,496	40,976	397	62,679	9,057	26,504	98,637	16,520	99,662	67,090	5,925	2,858	192,055	14,608	69,242	415,518
Processing Gain(-) or Loss(+)[1]	-1,872	84	-1,788	-7	-1,920	-300	-775	-3,002	-185	-5,487	-1,863	-89	-51	-7,675	-333	-3,803	-16,601

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, September 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,389	12	1,401	14	1,747	229	338	2,328	177	2,189	1,721	57	37	4,181	95	1,261	9,266
For Petrochemical Feedstock Use	352	0	352	0	228	4	41	273	11	971	332	3	0	1,317	-5	154	2,091
For Other Uses	1,037	12	1,049	14	1,519	225	297	2,055	166	1,218	1,389	54	37	2,864	100	1,107	7,175
Ethane	0	0	0	0	43	0	0	43	0	33	5	0	0	38	0	14	95
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	33	5	0	0	38	0	3	41
For Other Uses	0	0	0	0	43	0	0	43	0	0	0	0	0	0	0	11	54
Propane	1,026	12	1,038	14	1,699	217	483	2,413	197	2,023	1,315	44	33	3,612	171	798	8,032
For Petrochemical Feedstock Use	282	0	282	0	228	0	41	269	0	722	305	0	0	1,027	0	127	1,705
For Other Uses	744	12	756	14	1,471	217	442	2,144	197	1,301	1,010	44	33	2,585	171	671	6,327
Butane	361	0	361	0	5	12	-145	-128	-31	95	-120	11	4	-41	-57	394	529
For Petrochemical Feedstock Use	70	0	70	0	0	4	0	4	0	245	8	3	0	256	0	24	354
For Other Uses	291	0	291	0	5	8	-145	-132	-31	-150	-128	8	4	-297	-57	370	175
Butane-Propane Mixtures	2	0	2	0	0	0	0	0	0	67	521	2	0	590	-14	55	633
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	14	0	0	14	0	0	14
For Other Uses	2	0	2	0	0	0	0	0	0	67	507	2	0	576	-14	55	619
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	11	-29	0	0	0	-18	-5	0	-23
Finished Motor Gasoline	16,744	804	17,548	438	35,291	4,718	13,701	54,148	7,914	42,936	34,439	1,587	1,087	87,963	7,201	28,929	195,789
Finished Leaded Motor Gasoline	5,940	405	6,345	159	15,660	2,669	8,070	26,558	4,045	15,887	17,902	1,086	639	39,559	4,704	13,257	90,423
Finished Unleaded Motor Gasoline	10,804	399	11,203	279	19,618	2,049	5,627	27,573	3,868	27,049	16,537	501	448	48,403	2,497	15,595	105,271
Gasohol	0	0	0	0	13	0	4	17	1	0	0	0	0	1	0	77	95
Finished Aviation Gasoline	17	0	17	0	39	0	29	68	0	254	91	0	0	345	42	179	651
Naphtha-Type Jet Fuel	321	44	365	0	462	53	448	963	712	1,076	303	167	347	2,605	321	1,635	5,889
Kerosene-Type Jet Fuel	1,032	0	1,032	19	2,597	159	506	3,281	671	4,913	6,038	15	14	11,651	506	6,958	23,428
Kerosene	240	26	266	0	436	66	88	590	85	1,154	1,039	2	12	2,292	38	179	3,365
Distillate Fuel Oil	8,218	620	8,838	257	12,193	1,989	6,267	20,706	3,155	20,240	11,015	1,370	806	36,586	3,584	9,980	79,694
Distillate Fuel Oil Less No. 4	8,218	619	8,837	257	12,156	1,989	6,267	20,669	3,121	19,873	11,057	1,315	601	35,967	3,561	9,896	78,930
No. 4 Fuel Oil	0	1	1	0	37	0	0	37	34	367	-42	55	205	619	23	84	764
Residual Fuel Oil	3,273	139	3,412	38	1,938	275	455	2,706	555	7,920	5,916	475	83	14,949	299	8,886	30,252
Naphtha < 400 Deg. For Petro. Feed. Use	408	0	408	0	70	0	102	172	260	2,479	212	1	0	2,952	0	232	3,764
Other Oils > 400 Deg. For Petro. Feed. Use	8	0	8	0	896	0	1	897	260	2,947	2,770	37	0	6,014	0	632	7,551
Special Naphthas	11	26	37	0	245	0	182	427	84	1,000	110	215	0	1,409	2	112	1,987
Lubricants	261	377	638	0	474	0	299	773	17	1,529	398	215	0	2,159	20	350	3,940
Bright Stock	6	166	172	0	11	0	67	78	0	130	18	0	0	148	0	15	413
Neutral	114	199	313	0	379	0	171	550	0	745	289	111	0	1,145	22	244	2,274
Other Grades	141	12	153	0	84	0	61	145	17	654	91	104	0	866	-2	91	1,253
Wax	17	83	100	0	5	0	31	36	9	144	33	33	0	219	2	57	414
Microcrystalline	0	23	23	0	0	0	25	25	9	17	0	33	0	59	0	0	107
Crystalline--Fully Refined	10	17	27	0	4	0	0	4	0	73	33	0	0	106	2	34	173
Crystalline--Other	7	43	50	0	1	0	6	7	0	54	0	0	0	54	0	23	134
Petroleum Coke	1,174	15	1,189	12	2,026	268	778	3,084	269	2,337	1,674	119	11	4,410	314	3,192	12,189
Marketable	465	0	465	0	1,106	147	498	1,751	43	1,000	915	98	0	2,056	160	2,455	6,887
Catalyst	709	15	724	12	920	121	280	1,333	226	1,337	759	21	11	2,354	154	737	5,302
Asphalt	2,906	57	2,963	124	2,630	915	544	4,213	576	443	1,073	815	74	2,981	608	1,626	12,391
Road Oil	0	0	0	0	42	0	0	42	0	0	0	0	0	0	1	10	53
Still Gas	1,639	109	1,748	30	2,562	295	1,009	3,896	423	4,671	2,590	177	51	7,912	524	3,547	17,627
For Petrochemical Feedstock Use	35	0	35	0	2	0	0	2	5	600	90	0	0	695	14	130	876
For Other Uses	1,604	109	1,713	30	2,560	295	1,009	3,894	418	4,071	2,500	177	51	7,217	510	3,417	16,751
Miscellaneous Products	420	37	457	1	107	15	59	182	143	985	363	18	-1	1,508	20	152	2,319
Total Output	38,078	2,349	40,427	933	63,760	8,982	24,837	98,512	15,310	97,217	69,785	5,303	2,521	190,136	13,577	67,917	410,569
Processing Gain(-) or Loss(+)[1]	-1,692	26	-1,666	-2	-2,818	-327	-645	-3,792	-240	-3,728	-1,787	-39	-29	-5,823	-267	-3,951	-15,499

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, October 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,174	3	1,177	31	1,467	199	413	2,110	219	1,905	1,167	54	73	3,418	72	1,216	7,993
For Petrochemical Feedstock Use	197	0	197	0	200	6	52	258	11	898	218	0	0	1,127	0	128	1,710
For Other Uses	977	3	980	31	1,267	193	361	1,852	208	1,007	949	54	73	2,291	72	1,088	6,283
Ethane	0	0	0	0	30	0	0	30	0	110	11	0	0	121	0	10	161
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	110	11	0	0	121	0	0	121
For Other Uses	0	0	0	0	30	0	0	30	0	0	0	0	0	0	0	10	40
Propane	977	3	980	31	1,356	172	525	2,084	217	1,766	1,318	42	47	3,390	181	879	7,514
For Petrochemical Feedstock Use	193	0	193	0	200	0	52	252	0	617	161	0	0	778	0	106	1,329
For Other Uses	784	3	787	31	1,156	172	473	1,832	217	1,149	1,157	42	47	2,612	181	773	6,185
Butane	195	0	195	0	81	27	-112	-4	-9	-163	-138	10	6	-294	-107	326	116
For Petrochemical Feedstock Use	4	0	4	0	0	6	0	6	0	70	34	0	0	104	0	22	136
For Other Uses	191	0	191	0	81	21	-112	-10	-9	-233	-172	10	6	-398	-107	304	-20
Butane-Propane Mixtures	2	0	2	0	0	0	0	0	0	91	-24	2	20	89	-2	1	90
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	12	0	0	12	0	0	12
For Other Uses	2	0	2	0	0	0	0	0	0	91	-36	2	20	77	-2	1	78
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	11	101	0	0	0	112	0	0	112
Finished Motor Gasoline	18,105	509	18,614	1,098	31,231	4,551	13,321	50,201	8,223	45,420	33,448	1,592	1,255	89,938	7,357	27,975	194,085
Finished Leaded Motor Gasoline	7,078	322	7,400	559	15,069	2,582	7,996	26,206	4,240	18,088	16,862	1,200	761	41,151	4,839	12,604	92,200
Finished Unleaded Motor Gasoline	11,027	187	11,214	539	16,132	1,969	5,321	23,961	3,982	27,332	16,586	392	494	48,786	2,518	15,325	101,804
Gasohol	0	0	0	0	30	0	4	34	1	0	0	0	0	1	0	46	81
Finished Aviation Gasoline	6	0	6	0	74	0	32	106	8	268	131	0	0	407	25	162	706
Naphtha-Type Jet Fuel	387	40	427	13	482	89	378	962	710	1,148	434	183	223	2,698	408	1,389	5,884
Kerosene-Type Jet Fuel	773	0	773	115	3,052	106	501	3,774	656	5,699	6,937	0	25	13,317	476	6,166	24,506
Kerosene	461	15	476	0	513	59	-112	460	104	1,227	1,509	23	24	2,887	50	135	4,008
Distillate Fuel Oil	9,206	599	9,805	415	11,373	2,168	6,823	20,779	3,376	24,970	13,209	1,436	915	43,906	3,669	9,804	87,963
Distillate Fuel Oil Less No. 4	9,206	598	9,804	414	11,355	2,168	6,823	20,760	3,342	24,667	13,083	1,370	721	43,183	3,646	9,689	87,082
No. 4 Fuel Oil	0	1	1	1	18	0	0	19	34	303	126	66	194	723	23	115	881
Residual Fuel Oil	3,019	56	3,075	124	1,206	328	484	2,142	602	7,846	5,580	542	85	14,655	477	9,242	29,591
Naphtha < 400 Deg. For Petro. Feed. Use	455	0	455	0	88	0	60	148	241	3,407	-42	0	0	3,606	0	89	4,298
Other Oils > 400 Deg. For Petro. Feed. Use	9	0	9	0	1,395	0	1	1,396	246	2,635	2,953	47	0	5,881	0	658	7,944
Special Naphthas	-36	26	-10	0	251	0	195	446	107	673	35	229	0	1,044	6	115	1,601
Lubricants	345	364	709	0	460	0	348	808	12	1,643	666	221	0	2,542	30	305	4,394
Bright Stock	9	138	147	0	14	0	54	68	0	89	64	0	0	153	0	18	386
Neutral	82	211	293	0	351	0	218	569	0	731	572	96	0	1,399	33	233	2,527
Other Grades	254	15	269	0	95	0	76	171	12	823	30	125	0	990	-3	54	1,481
Wax	21	82	103	0	3	0	30	33	8	83	69	34	0	194	9	53	392
Microcrystalline	0	17	17	0	0	0	22	22	8	8	0	34	0	50	0	0	89
Crystalline--Fully Refined	12	25	37	0	2	0	1	3	0	52	69	0	0	121	9	35	205
Crystalline--Other	9	40	49	0	1	0	7	8	0	23	0	0	0	23	0	18	98
Petroleum Coke	1,033	5	1,038	24	1,728	321	817	2,890	284	2,576	1,860	137	11	4,868	324	3,140	12,260
Marketable	358	0	358	0	1,102	207	545	1,854	59	1,176	1,059	111	0	2,405	165	2,361	7,143
Catalyst	675	5	680	24	626	114	272	1,036	225	1,400	801	26	11	2,463	159	779	5,117
Asphalt	3,243	9	3,252	143	2,577	720	546	3,986	514	528	1,949	901	84	3,976	558	1,887	13,659
Road Oil	0	0	0	0	-6	0	0	-6	0	0	0	0	0	0	0	8	2
Still Gas	1,701	74	1,775	62	2,053	275	904	3,294	414	4,703	2,575	186	57	7,935	516	3,284	16,804
For Petrochemical Feedstock Use	41	0	41	0	1	0	0	1	6	486	104	0	0	596	20	119	777
For Other Uses	1,660	74	1,734	62	2,052	275	904	3,293	408	4,217	2,471	186	57	7,339	496	3,165	16,027
Miscellaneous Products	390	30	420	2	100	23	53	178	92	1,044	579	23	0	1,738	23	140	2,499
Total Output	40,292	1,812	42,104	2,027	58,047	8,839	24,794	93,707	15,816	105,775	73,059	5,608	2,752	203,010	14,000	65,768	418,589
Processing Gain(-) or Loss(+)[1]	-1,711	80	-1,631	-65	-2,634	-258	-789	-3,746	-240	-4,459	-2,558	-64	-41	-7,362	-243	-3,542	-16,524

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, November 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,165	0	1,165	35	1,312	238	437	2,022	251	1,866	1,255	66	97	3,535	110	937	7,769
For Petrochemical Feedstock Use	261	0	261	0	141	0	46	187	0	796	236	8	0	1,040	-9	159	1,638
For Other Uses	904	0	904	35	1,171	238	391	1,835	251	1,070	1,019	58	97	2,495	119	778	6,131
Ethane	0	0	0	0	17	0	0	17	0	10	10	0	0	20	0	10	47
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	10	10	0	0	20	0	0	20
For Other Uses	0	0	0	0	17	0	0	17	0	0	0	0	0	0	0	10	27
Propane	1,056	0	1,056	35	1,352	238	527	2,152	231	1,817	1,438	50	47	3,583	162	916	7,869
For Petrochemical Feedstock Use	236	0	236	0	141	0	46	187	0	573	168	0	0	741	0	154	1,318
For Other Uses	820	0	820	35	1,211	238	481	1,965	231	1,244	1,270	50	47	2,842	162	762	6,551
Butane	109	0	109	0	-57	0	-90	-147	20	-14	-190	14	7	-163	-52	45	-208
For Petrochemical Feedstock Use	25	0	25	0	0	0	0	0	0	233	43	8	0	284	0	5	314
For Other Uses	84	0	84	0	-57	0	-90	-147	20	-247	-233	6	7	-447	-52	40	-522
Butane-Propane Mixtures	0	0	0	0	0	0	0	0	0	73	-3	2	43	115	9	-34	90
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0	15
For Other Uses	0	0	0	0	0	0	0	0	0	73	-18	2	43	100	9	-34	75
Isobutane for Petro. Feed. Use	0	0	0	0	0	0	0	0	0	-20	0	0	0	-20	-9	0	-29
Finished Motor Gasoline	16,031	560	16,591	1,034	30,154	4,582	13,113	48,883	8,694	42,439	32,902	1,795	1,037	86,867	7,059	28,733	188,133
Finished Leaded Motor Gasoline	6,830	290	7,120	490	13,729	2,684	8,502	25,405	4,929	17,593	16,465	1,193	595	40,775	4,555	12,944	90,799
Finished Unleaded Motor Gasoline	9,201	270	9,471	544	16,410	1,898	4,606	23,458	3,764	24,846	16,437	602	442	46,091	2,501	15,725	97,246
Gasohol	0	0	0	0	15	0	5	20	1	0	0	0	0	1	3	64	88
Finished Aviation Gasoline	12	0	12	0	90	0	10	100	7	183	139	0	0	329	20	209	670
Naphtha-Type Jet Fuel	402	50	452	62	403	103	354	922	766	905	339	190	321	2,521	446	1,686	6,027
Kerosene-Type Jet Fuel	579	0	579	89	2,979	134	452	3,654	682	5,629	7,016	13	25	13,365	531	6,308	24,437
Kerosene	302	30	332	0	622	58	49	729	56	1,576	1,384	2	40	3,058	79	109	4,307
Distillate Fuel Oil	9,662	586	10,248	383	11,080	2,415	6,878	20,756	3,518	22,830	12,075	1,496	872	40,791	3,401	10,608	85,804
Distillate Fuel Oil Less No. 4	9,662	584	10,246	383	11,047	2,415	6,878	20,723	3,493	22,815	11,747	1,429	632	40,116	3,384	10,527	84,996
No. 4 Fuel Oil	0	2	2	0	33	0	0	33	25	15	328	67	240	675	17	81	808
Residual Fuel Oil	3,935	115	4,050	116	1,802	343	433	2,694	720	6,648	5,786	253	77	13,484	360	9,069	29,657
Naphtha < 400 Deg. For Petro. Feed. Use	350	0	350	0	71	0	83	154	312	3,282	234	0	0	3,828	0	235	4,567
Other Oils > 400 Deg. For Petro. Feed. Use	9	0	9	0	1,215	0	1	1,216	-159	1,938	2,939	50	0	4,768	0	755	6,748
Special Naphthas	-133	21	-112	0	252	0	146	398	112	596	46	181	0	935	2	43	1,266
Lubricants	252	370	622	0	449	0	315	764	20	1,577	599	212	0	2,408	9	647	4,450
Bright Stock	28	136	164	0	-1	0	42	41	0	157	44	0	0	201	0	52	458
Neutral	51	217	268	0	364	0	208	572	0	811	455	84	0	1,350	11	390	2,591
Other Grades	173	17	190	0	86	0	65	151	20	609	100	128	0	857	-2	205	1,401
Wax	19	77	96	0	7	0	35	42	6	110	88	34	0	238	21	49	446
Microcrystalline	0	14	14	0	0	0	25	25	6	13	0	34	0	53	0	0	92
Crystalline--Fully Refined	11	14	25	0	7	0	4	11	0	52	88	0	0	140	21	36	233
Crystalline--Other	8	49	57	0	0	0	6	6	0	45	0	0	0	45	0	13	121
Petroleum Coke	1,176	11	1,187	27	1,897	324	766	3,014	253	2,527	1,846	134	11	4,771	299	3,430	12,701
Marketable	474	0	474	0	1,153	206	486	1,845	66	1,241	1,107	109	0	2,523	154	2,620	7,616
Catalyst	702	11	713	27	744	118	280	1,169	187	1,286	739	25	11	2,248	145	810	5,085
Asphalt	2,320	1	2,321	118	1,913	585	629	3,245	493	401	926	715	75	2,610	577	954	9,707
Road Oil	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	21	24
Still Gas	1,578	85	1,663	66	1,904	256	889	3,115	426	4,291	2,393	169	47	7,326	473	3,262	15,839
For Petrochemical Feedstock Use	10	0	10	0	1	0	0	1	5	269	80	0	0	354	14	110	489
For Other Uses	1,568	85	1,653	66	1,903	256	889	3,114	421	4,022	2,313	169	47	6,972	459	3,152	15,350
Miscellaneous Products	418	30	448	2	51	24	60	137	108	800	801	14	0	1,723	27	109	2,444
Total Output	38,077	1,936	40,013	1,932	56,204	9,062	24,650	91,848	16,265	97,598	70,768	5,324	2,602	192,557	13,414	67,164	404,996
Processing Gain(-) or Loss(+)[1]	-2,140	45	-2,095	-70	-2,850	-352	-828	-4,100	-410	-3,993	-2,778	-45	-36	-7,262	-297	-3,534	-17,288

[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 14. Refinery Production of Petroleum Products by PAD District, December 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Petroleum Gases and Ethane	1,370	13	1,383	42	1,552	291	610	2,495	251	2,099	1,074	75	76	3,575	172	817	8,442
For Petrochemical Feedstock Use	296	0	296	0	198	0	75	273	17	1,189	252	14	0	1,472	16	164	2,221
For Other Uses	1,074	13	1,087	42	1,354	291	535	2,222	234	910	822	61	76	2,103	156	653	6,221
Ethane	0	0	0	0	23	0	0	23	0	5	11	0	0	16	0	17	56
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	5	11	0	0	16	0	0	16
For Other Uses	0	0	0	0	23	0	0	23	0	0	0	0	0	0	0	17	40
Propane	1,193	13	1,206	42	1,517	287	623	2,469	258	2,115	1,367	50	47	3,837	194	923	8,629
For Petrochemical Feedstock Use	249	0	249	0	199	0	75	274	0	887	157	0	0	1,044	16	154	1,737
For Other Uses	944	13	957	42	1,318	287	548	2,195	258	1,228	1,210	50	47	2,793	178	769	6,892
Butane	177	0	177	0	20	4	-13	11	-24	21	-266	23	6	-240	-18	-89	-159
For Petrochemical Feedstock Use	47	0	47	0	0	0	0	0	0	297	61	14	0	372	0	10	429
For Other Uses	130	0	130	0	20	4	-13	11	-24	-276	-327	9	6	-612	-18	-99	-588
Butane-Propane Mixtures	0	0	0	0	-7	0	0	-7	0	-42	-38	2	23	-55	-4	-34	-100
For Petrochemical Feedstock Use	0	0	0	0	0	0	0	0	0	0	23	0	0	23	0	0	23
For Other Uses	0	0	0	0	-7	0	0	-7	0	-42	-61	2	23	-78	-4	-34	-123
Isobutane for Petro. Feed. Use	0	0	0	0	-1	0	0	-1	17	0	0	0	0	17	0	0	16
Finished Motor Gasoline	19,329	1,156	20,485	1,110	35,203	4,402	14,026	54,741	8,192	43,431	34,568	1,957	1,067	89,215	7,366	30,924	202,731
Finished Leaded Motor Gasoline	7,424	589	8,013	549	16,348	2,348	7,922	27,167	4,158	17,635	16,437	1,261	650	40,141	4,928	13,419	93,668
Finished Unleaded Motor Gasoline	11,905	567	12,472	561	18,813	2,054	6,099	27,527	4,033	25,796	18,131	696	417	49,073	2,438	17,422	108,932
Gasohol	0	0	0	0	42	0	5	47	1	0	0	0	0	1	0	83	131
Finished Aviation Gasoline	0	0	0	0	35	0	19	54	5	150	6	0	0	161	26	99	340
Naphtha-Type Jet Fuel	418	38	456	61	382	77	404	924	730	1,407	468	141	324	3,070	418	1,333	6,201
Kerosene-Type Jet Fuel	689	0	689	101	2,961	237	561	3,860	724	4,030	6,830	16	21	11,621	487	6,564	23,221
Kerosene	261	98	359	0	731	87	47	865	50	1,412	1,437	-2	21	2,918	90	176	4,408
Distillate Fuel Oil	8,297	707	9,004	364	10,992	2,322	6,408	20,086	3,448	20,182	12,511	1,493	866	38,500	3,651	11,054	82,295
Distillate Fuel Oil Less No. 4	8,297	704	9,001	364	10,943	2,322	6,408	20,037	3,409	20,356	12,494	1,424	651	38,334	3,618	10,958	81,948
No. 4 Fuel Oil	0	3	3	0	49	0	0	49	39	-174	17	69	215	166	33	96	347
Residual Fuel Oil	4,475	309	4,784	143	2,648	341	441	3,573	589	5,551	5,312	456	82	11,990	431	9,867	30,645
Naphtha < 400 Deg. For Petro. Feed. Use	412	0	412	0	91	0	116	207	453	2,697	365	1	0	3,516	0	155	4,290
Other Oils > 400 Deg. For Petro. Feed. Use	7	0	7	0	1,437	0	1	1,438	-61	2,780	2,725	45	0	5,489	0	790	7,724
Special Naphthas	12	11	23	0	195	0	129	324	130	491	29	149	0	799	4	75	1,225
Lubricants	85	372	457	0	359	0	378	737	22	1,272	580	200	0	2,074	33	250	3,551
Bright Stock	13	137	150	0	11	0	36	47	0	141	216	0	0	357	5	12	571
Neutral	0	221	221	0	275	0	269	544	0	644	236	87	0	967	28	178	1,938
Other Grades	72	14	86	0	73	0	73	146	22	487	128	113	0	750	0	60	1,042
Wax	17	90	107	0	8	0	38	46	8	109	62	33	0	212	13	70	448
Microcrystalline	1	17	18	0	0	0	1	1	8	9	2	33	0	52	0	0	71
Crystalline--Fully Refined	10	28	38	0	6	0	28	34	0	64	60	0	0	124	13	47	256
Crystalline--Other	6	45	51	0	2	0	9	11	0	36	0	0	0	36	0	23	121
Petroleum Coke	1,160	20	1,180	29	2,046	330	913	3,318	294	2,802	1,805	157	10	5,068	327	3,459	13,352
Marketable	325	0	325	0	1,192	210	629	2,031	67	1,335	1,032	132	0	2,566	171	2,618	7,711
Catalyst	835	20	855	29	854	120	284	1,287	227	1,467	773	25	10	2,502	156	841	5,641
Asphalt	1,173	20	1,193	60	1,232	530	492	2,314	437	399	1,188	502	69	2,595	489	909	7,500
Road Oil	0	0	0	0	-3	0	0	-3	0	0	0	0	0	0	0	12	9
Still Gas	1,648	129	1,777	69	2,281	262	962	3,574	427	4,446	2,343	186	47	7,449	517	3,508	16,825
For Petrochemical Feedstock Use	20	0	20	0	1	0	0	1	6	609	79	0	0	694	22	104	841
For Other Uses	1,628	129	1,757	69	2,280	262	962	3,573	421	3,837	2,264	186	47	6,755	495	3,404	15,984
Miscellaneous Products	441	22	463	3	65	24	54	146	118	716	900	21	0	1,755	25	152	2,541
Total Output	39,794	2,985	42,779	1,982	62,215	8,903	25,599	98,699	15,817	93,974	72,203	5,430	2,583	190,007	14,049	70,214	415,748
Processing Gain(-) or Loss(+)[1]	-2,546	-26	-2,572	-63	-2,420	-474	-912	-3,869	-389	-5,515	-3,099	-87	-31	-9,121	-330	-3,226	-19,118

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[1] Represents the arithmetic difference between input and output.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yield.

Source: Form EIA-87, "Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] January 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.7	35.9	45.7	56.4	54.8	50.4	52.7	53.9	46.3	39.4	42.1	31.0	37.8	40.7	51.0	42.7	45.0
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.1	.2	.2	.2	.2	.0	.0	.2	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.3	2.2	3.2	1.9	2.4	4.2	1.1	2.2	2.2	2.0	1.8	1.8	1.6	2.0	(s)	1.2	2.0
Naphtha-Type Jet Fuel	1.2	1.6	1.2	0	.6	1.2	1.5	.9	3.2	1.0	.7	2.8	14.3	1.4	2.5	1.5	1.3
Kerosene-Type Jet Fuel	3.7	2.2	3.6	8.1	4.4	1.0	3.1	3.9	4.8	5.4	10.6	.4	1.7	7.0	3.5	10.3	6.3
Kerosene	1.0	2.6	1.1	0	1.9	.2	-.1	1.2	.2	1.8	1.7	(s)	2.0	1.6	.9	.4	1.2
Distillate Fuel Oil	20.3	25.4	20.8	18.3	21.0	27.3	28.5	23.6	23.1	25.6	18.9	29.1	31.1	23.2	26.9	17.0	22.1
Residual Fuel Oil	16.2	9.6	15.6	9.9	5.8	5.1	3.2	5.1	6.0	8.8	11.9	9.8	5.8	9.6	4.6	18.3	10.5
Ethane	0	0	0	0	(s)	0	0	(s)	0	.2	(s)	0	0	.1	0	.0	.1
Naphtha < 400 Deg. F. Petro. Feed. Use	.9	0	.8	0	.4	0	.1	.3	3.0	3.7	.4	.6	0	2.3	(s)	.3	1.3
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.8	.2	0	2.6	0	.0	1.6	2.4	4.9	4.6	.9	0	4.3	0	.4	2.4
Special Naphthas	(s)	.3	(s)	.0	.3	0	.5	.3	.7	.7	.1	3.5	0	.6	(s)	.2	.4
Lubricants	.3	11.1	1.3	0	.8	0	1.6	.9	.1	2.2	.9	3.6	(s)	1.6	.3	.5	1.2
Wax	(s)	2.1	.2	0	(s)	0	.1	(s)	.6	.1	.1	.5	0	.2	.1	.1	.1
Petroleum Coke	3.1	.8	2.9	1.2	3.5	4.7	3.7	3.6	2.0	2.8	2.5	3.1	.4	2.6	2.7	5.3	3.3
Asphalt	2.1	1.2	2.0	3.9	1.3	8.1	2.2	2.2	2.8	.5	1.6	9.9	2.8	1.4	3.8	1.3	1.7
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.4	.1	0	0	.2	(s)	(s)	.1
Still Gas for Other Uses	4.3	4.2	4.3	3.6	4.2	3.5	4.0	4.0	2.7	4.2	3.9	3.4	1.9	3.9	4.3	5.2	4.2
Miscellaneous Products	1.1	.8	1.0	.1	.1	.3	.3	.2	1.3	1.6	1.3	.4	0	1.4	.2	.4	.9
Processing Gain(-) or Loss(+) [4]	-4.4	-1.9	-4.2	-3.4	-4.4	-5.9	-2.6	-4.0	-1.8	-5.5	-3.4	-1.0	.7	-4.2	-1.1	-5.3	-4.2

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table [illegible]. Percent Refinery Yield of Petroleum Products by PAD District, February 1982

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.9	39.1	46.3	55.6	55.6	49.0	53.2	54.4	47.9	38.8	40.8	32.4	39.5	40.2	51.2	40.7	44.8
Finished Aviation Gasoline[3]	.0	.0	.0	.0	.1	.0	.1	.1	.3	.2	.2	.0	.0	.2	.3	.3	.2
Liquefied Refinery Gases & Ethane	3.1	2.5	3.0	1.5	2.7	3.6	1.7	2.4	2.1	2.2	.8	1.7	2.0	1.7	.1	1.5	2.0
Naphtha-Type Jet Fuel	1.9	.0	1.8	0	.7	.9	2.0	1.1	4.2	.9	.5	2.0	12.7	1.3	3.2	2.7	1.6
Kerosene-Type Jet Fuel	3.1	3.0	3.1	8.4	5.8	2.1	1.9	4.3	5.5	6.6	12.9	.4	1.1	8.4	4.1	11.1	7.1
Kerosene	.9	2.7	1.1	0	1.9	.6	.2	1.3	.4	2.0	2.3	.0	1.2	1.9	1.1	.3	1.3
Distillate Fuel Oil	21.8	24.2	22.0	21.3	20.4	25.8	27.3	23.0	22.4	22.7	18.8	29.0	32.1	21.7	25.2	16.0	21.2
Residual Fuel Oil	14.9	8.8	14.4	8.4	4.9	6.7	2.7	4.4	7.2	8.2	10.9	9.1	6.0	9.0	3.9	20.4	10.3
Ethane	0	0	0	0	(s)	0	0	(s)	0	.2	(s)	0	0	.1	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.6	0	.3	.5	2.6	5.5	.3	.6	0	3.2	(s)	.3	1.7
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.6	.1	0	2.5	0	.0	1.5	-.1	5.0	5.5	1.0	0	4.5	0	.3	2.4
Special Naphthas	(s)	.6	.1	.0	.3	0	(s)	.2	.8	1.1	.1	3.8	0	.8	(s)	.1	.4
Lubricants	.4	12.2	1.3	0	1.0	0	1.5	1.0	(s)	2.4	1.3	4.3	.0	1.8	.2	.5	1.3
Wax	(s)	2.3	.2	0	(s)	0	.1	(s)	(s)	.1	.1	.5	0	.1	.2	.1	.1
Petroleum Coke	3.0	1.0	2.8	1.3	4.2	4.7	3.9	4.1	2.0	3.0	2.9	3.0	.5	2.8	2.7	4.6	3.4
Asphalt	1.9	1.1	1.8	2.3	1.9	7.8	2.1	2.4	1.9	.3	1.0	9.5	2.2	1.0	4.9	1.6	1.7
Road Oil	0	0	0	0	(s)	0	.0	(s)	0	0	0	.0	0	.0	.0	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.6	.1	0	0	.3	(s)	(s)	.2
Still Gas for Other Uses	4.0	4.6	4.1	3.5	4.3	3.6	4.8	4.4	2.9	4.5	4.2	3.5	2.0	4.2	4.1	5.0	4.4
Miscellaneous Products	1.3	.8	1.3	.1	.1	.3	.3	.2	.8	1.3	.8	.8	0	1.0	.2	.4	.7
Processing Gain(-) or Loss(+) [4]	–4.5	–4.5	–4.5	–2.5	–7.3	–5.2	–2.2	–5.4	–1.0	–5.4	–3.6	–1.5	.6	–4.1	–1.5	–6.1	–4.7

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87, "Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] March 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.0	37.1	45.3	58.4	55.7	55.1	51.6	54.5	45.6	41.7	43.5	30.2	36.5	42.2	51.3	41.8	45.6
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.3	.0	.2	.3	.3	.3	.1	.0	.0	.2	.1	.3	.2
Liquefied Refinery Gases & Ethane	3.3	1.7	3.2	1.4	2.8	3.5	1.9	2.5	2.6	2.1	1.6	1.6	1.9	1.9	-.1	1.9	2.1
Naphtha-Type Jet Fuel	2.0	.0	1.9	0	.6	1.3	2.6	1.3	5.3	1.4	.8	2.6	16.2	1.8	3.6	2.8	1.9
Kerosene-Type Jet Fuel	3.7	2.9	3.6	6.1	6.6	3.4	3.8	5.5	4.5	7.4	13.1	.4	1.3	8.9	5.0	11.2	7.8
Kerosene	.2	1.0	.2	0	1.0	(s)	(s)	.6	.6	1.5	1.9	(s)	.9	1.5	.4	.3	.9
Distillate Fuel Oil	22.9	24.3	23.0	21.8	18.5	25.2	26.9	21.7	23.1	20.2	16.9	28.6	31.6	19.7	25.8	14.1	19.8
Residual Fuel Oil	14.1	6.1	13.5	6.5	4.8	3.7	3.2	4.3	7.3	7.6	10.0	9.4	5.8	8.4	2.7	19.0	9.7
Ethane	0	0	0	0	.1	0	0	(s)	0	.2	(s)	0	0	.1	0	(s)	.1
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	1.2	0	.3	.8	2.8	4.8	.3	(s)	0	2.8	0	.2	1.6
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.6	.2	0	2.2	0	.0	1.3	.9	4.4	5.2	1.2	0	4.2	0	.4	2.3
Special Naphthas	(s)	.5	.1	.0	.4	0	.4	.4	.9	1.0	.1	4.2	0	.7	(s)	.3	.5
Lubricants	.9	12.7	1.9	0	.9	0	1.5	1.0	.3	1.8	1.1	2.8	.0	1.4	(s)	.6	1.2
Wax	(s)	2.5	.3	0	(s)	0	.1	.1	(s)	.2	.1	.5	0	.1	(s)	.1	.1
Petroleum Coke	3.4	1.3	3.2	1.4	4.1	4.7	4.0	4.0	1.8	3.1	3.0	2.5	.4	2.9	3.1	4.9	3.6
Asphalt	2.6	3.4	2.6	4.9	1.9	6.0	2.0	2.4	2.0	.4	1.4	12.8	3.4	1.3	4.5	2.2	2.0
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.6	.2	0	0	.3	.1	(s)	.2
Still Gas for Other Uses	4.1	2.9	4.0	3.8	4.5	3.6	5.0	4.5	2.3	4.9	4.1	3.3	2.5	4.3	4.4	5.1	4.5
Miscellaneous Products	.9	.7	.9	.2	-.4	.3	.2	-.1	.7	1.2	.3	.8	(s)	.8	.2	.4	.5
Processing Gain(-) or Loss(+) [4]	-5.4	1.2	-4.8	-4.4	-5.2	-6.7	-3.8	-4.9	-1.1	-4.6	-3.7	-1.0	-.5	-3.8	-1.3	-5.6	-4.4

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87, "Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] April 1982

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.8	37.9	46.0	56.9	54.7	53.4	51.1	53.6	45.6	42.3	42.3	29.5	36.5	42.1	48.7	41.0	45.2
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.8	.2	(s)	.0	.0	.1	.3	.2	.1
Liquefied Refinery Gases & Ethane	3.8	2.1	3.6	1.8	2.7	1.8	1.8	2.3	1.6	2.4	1.4	1.8	2.7	2.0	.4	2.2	2.2
Naphtha-Type Jet Fuel	1.9	2.7	2.0	0	.7	1.3	2.5	1.2	4.0	1.6	.5	3.2	16.0	1.6	4.3	2.6	1.8
Kerosene-Type Jet Fuel	2.4	1.7	2.4	7.6	5.8	4.0	3.1	4.9	6.9	5.9	12.1	.3	.7	8.0	4.8	9.6	6.9
Kerosene	.3	2.2	.5	0	1.0	.3	.5	.7	.1	1.8	2.0	(s)	-.3	1.7	.1	.3	1.0
Distillate Fuel Oil	20.1	26.2	20.6	19.8	19.7	24.7	26.6	22.3	24.2	21.0	18.6	27.2	35.0	20.7	28.0	15.4	20.4
Residual Fuel Oil	13.4	3.8	12.6	5.4	4.8	3.9	2.9	4.2	6.1	8.5	11.5	8.5	5.5	9.4	3.2	19.3	10.1
Ethane	0	0	0	0	(s)	0	0	(s)	0	.2	(s)	0	0	.1	0	(s)	.1
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	1.0	0	.3	.7	2.2	3.4	.3	.0	0	2.0	0	.4	1.3
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.7	.2	0	2.5	0	.0	1.5	1.2	4.3	4.6	.7	0	4.0	0	.4	2.3
Special Naphthas	(s)	.4	.1	.0	.4	0	.5	.4	.9	.9	.1	3.5	0	.7	.1	.1	.4
Lubricants	.8	11.0	1.7	0	1.1	0	1.6	1.1	.1	2.3	.9	3.6	.0	1.6	.3	.6	1.3
Wax	.1	2.3	.3	0	(s)	0	.1	(s)	(s)	.1	.1	.6	0	.1	.1	.1	.1
Petroleum Coke	3.3	1.4	3.1	1.3	4.0	4.7	3.6	3.9	2.1	2.9	2.9	2.3	.3	2.8	2.8	5.2	3.5
Asphalt	5.1	2.5	4.9	5.4	2.7	5.5	3.2	3.1	2.1	.5	.9	15.5	2.6	1.2	4.2	2.1	2.3
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	.1	.3	.1
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	0	.5	.2	0	0	.3	.1	(s)	.2
Still Gas for Other Uses	4.2	3.5	4.1	3.8	4.8	3.7	4.6	4.7	2.8	4.9	4.0	3.5	1.1	4.3	4.1	4.8	4.4
Miscellaneous Products	1.1	.6	1.0	.2	.1	.3	.2	.2	.7	1.2	.7	.7	-.1	1.0	.2	.3	.7
Processing Gain(-) or Loss(+) [4]	-4.3	-.1	-3.9	-2.2	-6.2	-3.6	-2.7	-4.8	-1.6	-5.0	-3.2	-.9	.2	-3.9	-1.4	-5.1	-4.2

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] May 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	51.4	35.9	50.0	56.9	55.8	53.0	51.1	54.2	47.8	44.0	43.7	29.0	34.5	43.7	49.1	40.2	46.4
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.5	.3	.2	.0	.0	.3	.2	.5	.2
Liquefied Refinery Gases & Ethane	4.0	2.0	3.8	1.9	2.8	2.1	1.7	2.4	2.1	2.6	1.8	1.8	2.4	2.2	.6	1.5	2.3
Naphtha-Type Jet Fuel	1.7	8.8	2.3	0	.9	1.3	2.0	1.3	3.7	1.0	.6	3.4	15.8	1.3	4.3	2.3	1.7
Kerosene-Type Jet Fuel	1.7	1.9	1.7	3.5	4.4	2.9	1.6	3.4	5.3	5.5	9.4	.3	1.0	6.7	4.0	9.1	5.7
Kerosene	(s)	.9	(s)	0	.5	(s)	.5	.5	.2	.6	1.8	.1	.9	1.0	(s)	.3	.6
Distillate Fuel Oil	21.3	24.4	21.6	25.9	20.9	26.1	28.9	23.8	23.9	22.0	19.6	27.9	34.3	21.6	28.0	16.3	21.4
Residual Fuel Oil	10.7	4.8	10.2	3.2	4.6	6.2	2.9	4.2	4.9	8.4	10.8	7.4	4.5	8.9	2.0	18.1	9.2
Ethane	0	0	0	0	(s)	0	0	(s)	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	.7	0	.6	0	(s)	0	.4	.1	2.1	3.5	.4	.1	0	2.1	(s)	.5	1.2
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.6	.2	0	2.9	0	.0	1.7	1.4	4.9	4.2	.9	0	4.2	0	.4	2.5
Special Naphthas	(s)	.6	.1	.0	.3	0	.4	.3	.9	.7	(s)	3.1	0	.5	(s)	.3	.4
Lubricants	.4	9.1	1.2	0	1.1	0	1.7	1.1	.1	1.9	1.1	3.9	(s)	1.5	(s)	.7	1.2
Wax	.1	2.1	.2	0	.1	0	.1	.1	(s)	.1	.1	.6	0	.1	(s)	.1	.1
Petroleum Coke	3.0	.9	2.8	1.3	3.2	4.1	3.9	3.5	1.8	2.7	3.3	2.8	.3	2.8	2.5	5.3	3.3
Asphalt	4.6	2.6	4.4	6.8	3.7	6.3	3.1	3.8	3.7	.5	2.0	14.3	3.8	1.7	5.6	2.8	2.8
Road Oil	0	0	0	0	.1	0	(s)	.1	0	0	0	.0	0	.0	.1	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.4	.2	0	0	.3	.2	.1	.2
Still Gas for Other Uses	4.5	3.6	4.4	4.2	4.4	3.3	4.6	4.4	2.4	4.9	3.4	4.0	1.8	4.1	3.8	5.3	4.4
Miscellaneous Products	1.2	.6	1.2	.2	.2	.3	.2	.2	.8	.8	.8	1.1	–.1	.8	.1	.2	.6
Processing Gain(-) or Loss(+) [4]	–5.6	.3	–5.0	–4.0	–6.0	–5.6	–3.1	–5.1	–1.7	–5.1	–3.4	–.8	.9	–4.0	–.6	–4.1	–4.3

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] June 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.1	35.3	45.2	55.3	55.7	50.9	53.9	54.8	46.7	44.1	44.9	26.7	39.7	44.1	49.4	45.7	47.2
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.2	.1	.7	.2	.3	.0	.0	.3	.1	.4	.2
Liquefied Refinery Gases & Ethane	4.3	2.2	4.2	1.8	2.8	2.6	1.5	2.4	1.6	2.0	1.8	1.4	2.8	1.9	1.0	2.0	2.3
Naphtha-Type Jet Fuel	2.4	5.3	2.6	2.9	.7	.9	1.7	1.0	4.5	1.0	.6	3.5	13.9	1.4	3.4	2.4	1.7
Kerosene-Type Jet Fuel	3.4	1.9	3.2	.7	4.7	1.5	2.0	3.6	4.7	4.2	9.0	.4	1.4	5.8	3.6	9.3	5.5
Kerosene	.0	.4	(s)	0	.7	(s)	-.1	.4	.1	1.2	1.4	.2	.6	1.2	(s)	.3	.7
Distillate Fuel Oil	20.4	25.8	20.9	24.4	19.1	26.6	27.2	22.0	23.0	23.6	18.6	28.4	33.0	22.0	29.5	16.0	21.2
Residual Fuel Oil	10.1	7.5	9.9	4.2	4.0	4.0	2.7	3.7	5.5	6.9	11.4	9.1	2.8	8.4	2.4	15.0	8.3
Ethane	0	0	0	0	(s)	0	0	(s)	0	(s)	(s)	0	0	(s)	(s)	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	.7	0	.7	0	.1	0	.4	.2	2.9	3.6	.3	.3	0	2.2	(s)	.3	1.2
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	1.6	.1	0	2.6	0	(s)	1.6	1.7	4.1	4.0	.8	0	3.7	0	.2	2.2
Special Naphthas	(s)	.9	.1	-.1	.5	0	.7	.5	.8	.9	.1	2.1	0	.6	.1	.2	.4
Lubricants	.5	10.1	1.3	0	.9	0	1.8	1.1	.1	2.0	1.0	4.4	0	1.5	.2	.6	1.2
Wax	.1	2.4	.3	0	(s)	0	.2	.1	(s)	.1	.1	.7	0	.1	(s)	.1	.1
Petroleum Coke	2.4	.9	2.3	1.3	3.2	4.1	3.6	3.4	1.8	2.9	2.4	3.1	.4	2.6	2.4	5.1	3.1
Asphalt	8.4	.9	7.7	8.2	3.8	7.4	2.6	3.9	3.6	.6	1.8	16.1	3.7	1.8	5.9	2.9	3.2
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	(s)	.1	(s)
Still Gas for Petro. Feed. Use	(s)	0	(s)	0	(s)	0	0	(s)	(s)	.2	.2	0	0	.2	.2	.1	.1
Still Gas for Other Uses	4.4	3.8	4.3	4.2	4.6	3.2	4.3	4.4	2.5	5.3	4.2	3.6	2.2	4.5	3.7	5.3	4.6
Miscellaneous Products	1.4	1.2	1.4	.2	.2	.3	.2	.2	.8	.7	.8	.8	(s)	.7	.1	.3	.6
Processing Gain(-) or Loss(+)[4]	-4.6	-.3	-4.3	-3.2	-3.8	-1.5	-2.9	-3.3	-1.2	-3.7	-2.8	-1.4	-.7	-3.0	-2.2	-6.5	-3.8

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] July 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	46.8	31.6	45.8	52.2	54.0	52.7	54.2	53.9	46.9	45.0	46.0	26.5	42.3	44.9	50.5	45.1	47.4
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.2	.2	.9	.3	.1	.0	.0	.3	.3	.3	.2
Liquefied Refinery Gases & Ethane	3.4	.5	3.2	1.9	2.7	2.2	2.1	2.5	1.4	2.5	1.9	1.3	3.0	2.2	.5	2.1	2.3
Naphtha-Type Jet Fuel	1.2	4.3	1.4	1.1	.7	.8	1.9	1.0	4.8	1.4	.6	4.1	11.9	1.7	2.8	2.9	1.7
Kerosene-Type Jet Fuel	3.6	.2	3.4	2.7	4.7	2.0	2.1	3.8	4.6	3.7	10.0	.2	1.2	5.9	4.1	10.2	5.8
Kerosene	.1	-.8	.1	0	.6	.4	-.1	.4	.4	1.0	1.6	.1	-.2	1.1	(s)	.2	.7
Distillate Fuel Oil	21.1	26.8	21.4	26.4	20.8	23.0	28.2	23.1	23.3	23.2	18.1	28.5	33.9	21.7	28.8	15.2	21.2
Residual Fuel Oil	9.5	8.2	9.4	4.2	3.7	5.5	2.4	3.6	4.3	7.4	10.9	8.9	3.0	8.4	2.3	13.5	8.0
Ethane	0	0	0	0	(s)	0	0	(s)	0	.1	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.2	0	1.1	0	.2	0	.4	.2	2.8	3.4	-.2	(s)	0	1.9	(s)	.4	1.1
Other Oils > 400 Deg. F. Petro. Feed. Use	.4	(s)	.4	0	2.8	0	(s)	1.8	1.9	3.5	4.0	1.0	0	3.4	0	.3	2.1
Special Naphthas	(s)	.7	.1	0	.5	0	.8	.5	.8	1.0	(s)	4.4	0	.8	.1	.2	.5
Lubricants	.4	14.7	1.3	0	.9	0	1.2	.9	.1	1.9	1.1	3.8	0	1.5	.2	.7	1.2
Wax	(s)	3.1	.2	0	(s)	0	.1	(s)	(s)	.1	.1	.6	0	.1	(s)	.1	.1
Petroleum Coke	3.4	.1	3.2	1.7	3.4	4.1	3.8	3.5	2.0	3.0	2.6	2.2	.4	2.7	2.0	5.3	3.3
Asphalt	7.9	1.6	7.5	8.7	4.1	7.6	2.6	4.1	3.8	.7	2.0	14.7	3.6	1.9	5.1	2.7	3.3
Road Oil	0	0	0	0	(s)	0	(s)	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.3	.2	0	0	.2	.2	.1	.1
Still Gas for Other Uses	4.5	4.8	4.5	4.4	4.4	3.2	4.5	4.3	2.8	5.2	4.1	3.6	2.0	4.5	3.9	5.4	4.6
Miscellaneous Products	1.6	1.7	1.6	.2	.2	.3	.2	.2	.7	1.0	.5	.8	.0	.8	.2	.4	.7
Processing Gain(-) or Loss(+)[4]	-5.2	2.5	-4.7	-3.4	-4.0	-1.8	-4.5	-3.9	-1.8	-4.8	-3.7	-.9	-1.0	-4.0	-1.1	-5.4	-4.2

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding. See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] August 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	45.4	30.2	44.4	55.3	55.9	52.6	52.9	54.8	46.4	44.1	46.5	26.3	42.9	44.5	51.3	42.4	46.8
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.2	.1	1.2	.3	.4	.0	.0	.4	.3	.4	.3
Liquefied Refinery Gases & Ethane	4.1	.3	3.8	2.6	2.6	2.3	2.2	2.5	1.6	2.3	1.8	1.4	3.0	2.0	.6	2.2	2.3
Naphtha-Type Jet Fuel	1.8	1.3	1.8	0	.7	1.0	1.6	1.0	4.9	1.2	.5	4.2	13.1	1.5	3.3	2.7	1.7
Kerosene-Type Jet Fuel	3.5	0	3.3	3.6	5.1	2.2	3.1	4.3	5.0	5.6	10.4	.3	1.4	7.0	4.5	10.3	6.4
Kerosene	.3	1.0	.3	0	.6	.2	–.4	.3	.4	1.0	1.9	.1	–.2	1.2	(s)	.2	.7
Distillate Fuel Oil	20.9	26.7	21.3	21.4	20.3	24.3	27.2	22.5	22.6	22.9	16.1	27.4	32.7	20.8	27.1	15.8	20.7
Residual Fuel Oil	9.5	9.1	9.5	4.3	2.7	3.7	2.4	2.7	4.5	7.9	9.5	9.4	2.6	8.1	2.1	15.4	7.9
Ethane	0	0	0	0	.1	0	0	(s)	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.2	0	1.1	0	.1	0	.4	.2	2.7	3.7	–.1	(s)	0	2.2	0	.3	1.2
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	.0	(s)	0	2.6	0	(s)	1.7	1.7	4.1	4.9	.8	0	4.0	0	.6	2.3
Special Naphthas	(s)	.6	.1	0	.4	0	.2	.3	.6	.7	.1	3.7	0	.6	(s)	.2	.4
Lubricants	.7	15.6	1.7	0	.8	0	1.4	.9	.1	1.8	1.0	3.8	0	1.4	.3	.7	1.2
Wax	.1	3.5	.3	0	(s)	0	.1	(s)	(s)	.1	.1	.6	0	.1	.1	.1	.1
Petroleum Coke	3.7	.6	3.5	2.3	3.1	3.9	3.7	3.3	1.9	3.0	2.8	2.3	.5	2.8	2.8	5.4	3.4
Asphalt	8.5	2.1	8.1	7.6	4.2	9.7	3.3	4.5	3.8	.6	2.0	16.9	3.7	1.9	5.8	3.4	3.6
Road Oil	0	0	0	0	.1	0	(s)	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	0	0	0	0	(s)	.6	.2	0	0	.4	.1	.2	.2
Still Gas for Other Uses	4.5	4.5	4.5	4.6	3.7	3.6	4.8	3.9	2.8	5.1	4.4	3.5	2.4	4.6	4.0	5.3	4.5
Miscellaneous Products	.9	1.1	.9	.7	.1	.2	.3	.2	1.1	1.2	.7	.9	(s)	1.0	.2	.4	.7
Processing Gain(-) or Loss(+) [4]	–5.2	3.3	–4.7	–2.3	–3.4	–3.7	–3.3	–3.4	–1.2	–6.2	–3.1	–1.7	–1.9	–4.5	–2.5	–6.1	–4.4

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] September 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	45.5	31.5	44.7	48.5	55.8	51.5	53.1	54.6	48.6	43.2	46.0	24.0	38.1	44.1	52.1	43.3	46.8
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.2	.0	.2	.2	.2	.3	.2	.0	.0	.2	.3	.3	.2
Liquefied Refinery Gases & Ethane	3.9	.5	3.7	1.5	2.9	2.8	1.5	2.5	1.3	2.4	2.8	1.2	1.6	2.4	.7	2.0	2.4
Naphtha-Type Jet Fuel	.9	1.9	1.0	0	.8	.7	2.0	1.1	5.1	1.2	.5	3.5	15.3	1.5	2.5	2.6	1.6
Kerosene-Type Jet Fuel	2.9	0	2.7	2.0	4.5	2.0	2.3	3.7	4.8	5.5	9.7	.3	.6	6.8	4.0	11.3	6.2
Kerosene	.7	1.1	.7	0	.7	.8	.4	.7	.6	1.3	1.7	(s)	.5	1.3	.3	.3	.9
Distillate Fuel Oil	22.8	27.0	23.0	26.9	21.0	24.5	28.0	23.1	22.6	22.7	17.7	28.3	35.5	21.2	28.1	16.2	21.3
Residual Fuel Oil	9.1	6.1	8.9	4.0	3.3	3.4	2.0	3.0	4.0	8.9	9.5	9.8	3.7	8.7	2.3	14.4	8.1
Ethane	0	0	0	0	.1	0	0	(s)	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.1	0	1.1	0	.1	0	.5	.2	1.9	2.8	.3	(s)	0	1.7	0	.4	1.0
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	.0	(s)	0	1.5	0	(s)	1.0	1.9	3.3	4.5	.8	0	3.5	0	1.0	2.0
Special Naphthas	(s)	1.1	.1	0	.4	0	.8	.5	.6	1.1	.2	4.4	0	.8	(s)	.2	.5
Lubricants	.7	16.4	1.7	0	.8	0	1.3	.9	.1	1.7	.6	4.4	0	1.3	.2	.6	1.1
Wax	(s)	3.6	.3	0	(s)	0	.1	(s)	.1	.2	.1	.7	0	.1	(s)	.1	.1
Petroleum Coke	3.3	.7	3.1	1.3	3.5	3.3	3.5	3.4	1.9	2.6	2.7	2.5	.5	2.6	2.5	5.2	3.3
Asphalt	8.1	2.5	7.7	13.0	4.5	11.3	2.4	4.7	4.1	.5	1.7	16.8	3.3	1.7	4.8	2.6	3.3
Road Oil	0	0	0	0	.1	0	.0	(s)	0	0	0	.0	0	.0	(s)	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.7	.1	0	0	.4	.1	.2	.2
Still Gas for Other Uses	4.4	4.8	4.5	3.1	4.4	3.6	4.5	4.3	3.0	4.6	4.0	3.7	2.2	4.2	4.0	5.5	4.5
Miscellaneous Products	1.2	1.6	1.2	.1	.2	.2	.3	.2	1.0	1.1	.6	.4	(s)	.9	.2	.2	.6
Processing Gain(-) or Loss(+) [4]	-4.7	1.1	-4.3	-.2	-4.8	-4.0	-2.9	-4.2	-1.7	-4.2	-2.9	-.8	-1.3	-3.4	-2.1	-6.4	-4.1

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] October 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	45.5	23.4	44.5	53.5	52.5	49.7	51.2	51.9	48.5	41.2	44.0	22.6	42.2	42.3	50.7	44.4	45.2
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	(s)	.0	.1	(s)	.3	.3	.2	.0	.0	.2	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.1	.2	3.0	1.7	2.8	2.5	1.9	2.5	1.5	1.9	1.7	1.1	2.9	1.8	.6	2.0	2.1
Naphtha-Type Jet Fuel	1.0	2.2	1.1	.7	.9	1.1	1.7	1.2	5.0	1.2	.7	3.6	8.8	1.5	3.1	2.3	1.5
Kerosene-Type Jet Fuel	2.1	0	2.0	6.2	6.0	1.3	2.3	4.6	4.6	6.0	10.5	.0	1.0	7.3	3.7	10.0	6.5
Kerosene	1.2	.8	1.2	0	1.0	.7	–.5	.6	.7	1.3	2.3	.5	1.0	1.6	.4	.2	1.1
Distillate Fuel Oil	24.5	33.2	24.9	22.3	22.4	27.1	31.2	25.2	23.5	26.3	20.0	28.1	36.3	24.0	28.3	15.9	23.2
Residual Fuel Oil	8.0	3.1	7.8	6.7	2.4	4.1	2.2	2.6	4.2	8.3	8.4	10.6	3.4	8.0	3.7	15.0	7.8
Ethane	0	0	0	0	.1	0	0	(s)	0	.1	(s)	0	0	.1	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.2	0	1.2	0	.2	0	.3	.2	1.7	3.6	–.1	.0	0	2.0	0	.1	1.1
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	0	(s)	0	2.7	0	(s)	1.7	1.7	2.8	4.5	.9	0	3.2	0	1.1	2.1
Special Naphthas	–.1	1.4	(s)	0	.5	0	.9	.5	.7	.7	.1	4.5	0	.6	(s)	.2	.4
Lubricants	.9	20.2	1.8	0	.9	0	1.6	1.0	.1	1.7	1.0	4.3	0	1.4	.2	.5	1.2
Wax	.1	4.5	.3	0	(s)	0	.1	(s)	.1	.1	.1	.7	0	.1	.1	.1	.1
Petroleum Coke	2.8	.3	2.6	1.3	3.4	4.0	3.7	3.5	2.0	2.7	2.8	2.7	.4	2.7	2.5	5.1	3.2
Asphalt	8.6	.5	8.3	7.7	5.1	9.0	2.5	4.8	3.6	.6	2.9	17.6	3.3	2.2	4.3	3.1	3.6
Road Oil	0	0	0	0	(s)	0	0	(s)	0	0	0	.0	0	.0	.0	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.5	.2	0	0	.3	.2	.2	.2
Still Gas for Other Uses	4.4	4.1	4.4	3.3	4.0	3.4	4.1	4.0	2.8	4.4	3.7	3.6	2.3	4.0	3.8	5.1	4.2
Miscellaneous Products	1.0	1.7	1.1	.1	.2	.3	.2	.2	.6	1.1	.9	.5	0	.9	.2	.2	.7
Processing Gain(-) or Loss(+) [4]	–4.6	4.4	–4.1	-3.5	–5.2	-3.2	–3.6	–4.5	–1.7	–4.7	–3.9	–1.3	–1.6	–4.0	–1.9	–5.7	–4.4

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] November 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	45.8	29.3	44.9	52.0	52.3	48.2	50.7	51.5	48.2	41.0	44.3	28.6	37.6	42.4	51.9	43.2	45.1
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.6	.2	.2	.0	.0	.2	.2	.3	.2
Liquefied Refinery Gases & Ethane	3.2	.0	3.0	2.0	2.7	3.0	2.0	2.5	1.8	2.1	2.0	1.4	4.0	2.1	.9	1.5	2.1
Naphtha-Type Jet Fuel	1.1	2.5	1.2	3.6	.8	1.3	1.6	1.2	5.5	1.0	.5	3.9	13.1	1.5	3.5	2.7	1.7
Kerosene-Type Jet Fuel	1.6	0	1.5	5.2	6.1	1.7	2.1	4.6	4.9	6.5	11.1	.3	1.0	7.8	4.2	10.3	6.7
Kerosene	.8	1.5	.9	0	1.3	.7	.2	.9	.4	1.8	2.2	(s)	1.6	1.8	.6	.2	1.2
Distillate Fuel Oil	26.3	29.2	26.5	22.2	22.8	30.3	31.7	25.9	25.2	26.3	19.1	30.7	35.6	23.8	27.0	17.3	23.6
Residual Fuel Oil	10.7	5.7	10.5	6.7	3.7	4.3	2.0	3.4	5.2	7.7	9.2	5.2	3.1	7.9	2.9	14.8	8.2
Ethane	0	0	0	0	(s)	0	0	(s)	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.0	0	.9	0	.1	0	.4	.2	2.2	3.8	.4	.0	0	2.2	0	.4	1.3
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	0	(s)	0	2.5	0	(s)	1.5	–1.1	2.2	4.7	1.0	0	2.8	0	1.2	1.9
Special Naphthas	–.4	1.0	–.3	0	.5	0	.7	.5	.8	.7	.1	3.7	0	.5	(s)	.1	.3
Lubricants	.7	18.4	1.6	0	.9	0	1.4	1.0	.1	1.8	.9	4.3	0	1.4	.1	1.1	1.2
Wax	.1	3.8	.2	0	(s)	0	.2	.1	(s)	.1	.1	.7	0	.1	.2	.1	.1
Petroleum Coke	3.2	.5	3.1	1.6	3.9	4.1	3.5	3.8	1.8	2.9	2.9	2.7	.4	2.8	2.4	5.6	3.5
Asphalt	6.3	(s)	6.0	6.8	3.9	7.3	2.9	4.1	3.5	.5	1.5	14.7	3.1	1.5	4.6	1.6	2.7
Road Oil	0	0	0	0	(s)	0	0	(s)	0	0	0	.0	0	.0	.0	(s)	(s)
Still Gas for Petro. Feed. Use	(s)	0	(s)	0	(s)	0	0	(s)	(s)	.3	.1	0	0	.2	.1	.2	.1
Still Gas for Other Uses	4.3	4.2	4.3	3.8	3.9	3.2	4.1	3.9	3.0	4.6	3.7	3.5	1.9	4.1	3.6	5.1	4.2
Miscellaneous Products	1.1	1.5	1.2	.1	.1	.3	.3	.2	.8	.9	1.3	.3	0	1.0	.2	.2	.7
Processing Gain(-) or Loss(+)[4]	–5.8	2.2	–5.4	–4.1	–5.9	–4.4	–3.8	–5.1	–2.9	–4.6	–4.4	–.9	–1.5	–4.2	–2.4	–5.8	–4.8

[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding. See Explanatory Note 2 on negative product yields.

Source: Form EIA-87,"Refinery Report."

Table 15. Percent Refinery Yield of Petroleum Products by PAD District,[1] December 1982

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Finished Motor Gasoline[2]	51.5	37.6	50.5	53.5	54.7	49.4	53.1	53.8	49.7	45.6	45.8	31.3	39.1	45.5	52.5	44.3	48.0
Finished Aviation Gasoline[3]	(s)	.0	(s)	.0	.1	.0	.1	.1	.6	.2	.1	.0	.0	.2	.2	.1	.2
Liquefied Refinery Gases & Ethane	3.7	.4	3.5	2.4	2.8	3.7	2.7	2.8	1.7	2.5	1.7	1.5	3.1	2.1	1.3	1.2	2.2
Naphtha-Type Jet Fuel	1.1	1.3	1.1	3.5	.7	1.0	1.8	1.1	5.0	1.7	.7	2.9	13.3	1.8	3.1	2.1	1.7
Kerosene-Type Jet Fuel	1.9	0	1.7	5.8	5.4	3.0	2.5	4.4	5.0	4.9	10.7	.3	.9	6.9	3.6	10.1	6.2
Kerosene	.7	3.4	.9	0	1.3	1.1	.2	1.0	.3	1.7	2.3	(s)	.9	1.7	.7	.3	1.2
Distillate Fuel Oil	22.5	24.5	22.6	20.9	20.2	29.2	28.2	23.1	23.7	24.4	19.6	30.3	35.5	22.8	27.3	17.1	22.0
Residual Fuel Oil	12.1	10.7	12.0	8.2	4.9	4.3	1.9	4.1	4.0	6.7	8.3	9.2	3.4	7.1	3.2	15.2	8.2
Ethane	0	0	0	0	(s)	0	0	(s)	0	(s)	(s)	0	0	(s)	0	(s)	(s)
Naphtha < 400 Deg. F. Petro. Feed. Use	1.1	0	1.0	0	.2	0	.5	.2	3.1	3.3	.6	(s)	0	2.1	0	.2	1.1
Other Oils > 400 Deg. F. Petro. Feed. Use	(s)	0	(s)	0	2.6	0	(s)	1.7	-.4	3.4	4.3	.9	0	3.3	0	1.2	2.1
Special Naphthas	(s)	.4	.1	0	[illegible]	0	.6	.4	.9	.6	(s)	3.0	0	.5	(s)	.1	.3
Lubricants	.2	12.9	1.1	0	.7	0	1.7	.8	.2	1.5	.9	4.1	0	1.2	.2	.4	1.0
Wax	(s)	3.1	.3	0	(s)	0	.2	.1	.1	.1	.1	.7	0	.1	.1	.1	.1
Petroleum Coke	3.1	.7	3.0	1.7	3.8	4.1	4.0	3.8	2.0	3.4	2.8	3.2	.4	3.0	2.4	5.3	3.6
Asphalt	3.2	.7	3.0	3.5	2.3	6.7	2.2	2.7	3.0	.5	1.9	10.2	2.8	1.5	3.7	1.4	2.0
Road Oil	0	0	0	0	(s)	0	0	(s)	0	0	0	.0	0	.0	0	(s)	(s)
Still Gas for Petro. Feed. Use	.1	0	.1	0	(s)	0	0	(s)	(s)	.7	.1	0	0	.4	.2	.2	.2
Still Gas for Other Uses	4.4	4.5	4.4	4.0	4.2	3.3	4.2	4.1	2.9	4.6	3.5	3.8	1.9	4.0	3.7	5.3	4.3
Miscellaneous Products	1.2	.8	1.2	.2	.1	.3	.2	.2	.8	.9	1.4	.4	0	1.0	.2	.2	.7
Processing Gain(-) or Loss(+)[4]	-6.9	-.9	-6.5	-3.6	-4.4	-6.0	-4.0	-4.5	-2.7	-6.7	-4.9	-1.8	-1.3	-5.4	-2.5	-5.0	-5.1

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[1] Based on crude oil input and net reruns of unfinished oils.

[2] Based on total finished motor gasoline output plus net output of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and alcohol.

[3] Based on finished aviation gasoline output plus net output of aviation gasoline blending components.

[4] Represents the arithmetic difference between Input and Production.

(s) Less than 0.05 percent.

Note: Totals may not equal sum of components due to independent rounding.
See Explanatory Note 2 on negative product yields.

Source: Form EIA-87, "Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, January 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,331	2,331	1,219	38,329	3,034	20,942	63,524	12,237	50,004	29,327	3,234	1,864	96,666	10,995	26,619	200,135
Foreign	0	602	602	520	13,425	4,146	2,126	20,217	800	9,016	3,194	981	0	13,991	994	561	36,365
Tanker																	
Domestic	3,654	0	3,654	0	0	0	0	0	0	1,583	5,089	0	0	6,672	0	27,714	38,040
Foreign	26,114	0	26,114	0	0	0	0	0	0	19,833	16,095	0	0	35,928	0	6,239	68,281
Barge																	
Domestic	0	151	151	0	880	0	0	880	0	3,960	4,510	106	0	8,576	0	0	9,607
Foreign	4,101	0	4,101	0	530	0	0	530	0	51	627	89	0	767	0	0	5,398
Tank Cars																	
Domestic	69	237	306	0	0	0	0	0	0	0	0	16	0	16	0	0	322
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	246	246	26	291	16	823	1,156	1,126	346	612	913	546	3,543	959	1,787	7,691
Foreign	0	0	0	0	0	0	0	0	170	0	0	0	0	170	1	0	171
Total																	
Domestic	3,723	2,965	6,688	1,245	39,500	3,050	21,765	65,560	13,363	55,893	39,538	4,269	2,410	115,473	11,954	56,120	255,795
Foreign	30,215	602	30,817	520	13,955	4,146	2,126	20,747	970	28,900	19,916	1,070	0	50,856	995	6,800	110,215

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, February 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,950	1,950	1,164	32,906	3,072	21,165	58,307	10,840	42,675	27,467	2,925	1,661	85,568	9,702	24,463	179,990
Foreign	0	463	463	352	11,368	3,431	1,227	16,378	1,026	6,418	0	420	0	7,864	704	528	25,937
Tanker																	
Domestic	2,871	0	2,871	0	0	0	0	0	0	4,155	3,934	0	0	8,089	0	26,010	36,970
Foreign	26,230	0	26,230	0	0	0	0	0	0	11,634	13,871	0	0	25,505	0	3,251	54,986
Barge																	
Domestic	0	22	22	0	920	0	0	920	0	3,900	3,984	91	0	7,975	0	0	8,917
Foreign	3,720	0	3,720	0	611	0	0	611	0	98	885	141	0	1,124	0	0	5,455
Tank Cars																	
Domestic	79	340	419	0	0	0	0	0	0	0	0	18	0	18	0	0	437
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	293	293	117	245	14	661	1,037	862	252	540	841	457	2,952	776	1,626	6,684
Foreign	0	0	0	0	0	0	0	0	141	0	0	0	0	141	0	0	141
Total																	
Domestic	2,950	2,605	5,555	1,281	34,071	3,086	21,826	60,264	11,702	50,982	35,925	3,875	2,118	104,602	10,478	52,099	232,998
Foreign	29,950	463	30,413	352	11,979	3,431	1,227	16,989	1,167	18,150	14,756	561	0	34,634	704	3,779	86,519

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, March 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,937	1,937	1,256	37,439	3,484	22,368	64,547	12,244	50,398	31,833	3,250	1,887	99,612	10,034	27,270	203,400
Foreign	0	775	775	270	9,308	3,561	1,457	14,596	1,123	8,330	918	459	0	10,830	827	430	27,458
Tanker																	
Domestic	4,112	0	4,112	0	0	0	0	0	0	5,309	3,302	0	0	8,611	0	26,164	38,887
Foreign	25,773	0	25,773	0	0	0	0	0	0	9,968	15,125	0	0	25,093	0	5,689	56,555
Barge																	
Domestic	0	45	45	0	1,019	0	0	1,019	0	4,483	5,428	129	0	10,040	0	267	11,371
Foreign	2,809	0	2,809	0	324	0	0	324	0	80	323	9	0	412	0	0	3,545
Tank Cars																	
Domestic	82	355	437	0	0	0	0	0	0	0	0	24	0	24	0	0	461
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	318	318	125	257	11	995	1,388	935	227	570	917	562	3,211	961	1,665	7,543
Foreign	0	0	0	0	0	0	0	0	168	0	0	0	0	168	0	0	168
Total																	
Domestic	4,194	2,655	6,849	1,381	38,715	3,495	23,363	66,954	13,179	60,417	41,133	4,320	2,449	121,498	10,995	55,366	261,662
Foreign	28,582	775	29,357	270	9,632	3,561	1,457	14,920	1,291	18,378	16,366	468	0	36,503	827	6,119	87,726

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87, "Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, April 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,564	2,564	1,527	39,244	3,419	21,289	65,479	9,225	51,033	30,843	3,214	1,672	95,987	9,219	27,892	201,141
Foreign	0	112	112	207	7,625	2,912	967	11,711	1,161	8,871	2,894	432	0	13,358	885	486	26,552
Tanker																	
Domestic	3,415	0	3,415	0	0	0	0	0	0	5,010	6,882	0	0	11,892	0	30,029	45,336
Foreign	23,270	0	23,270	0	0	0	0	0	0	10,176	10,201	0	0	20,377	0	4,225	47,872
Barge																	
Domestic	0	177	177	0	1,127	0	0	1,127	0	3,797	4,571	8	0	8,376	0	266	9,946
Foreign	4,187	0	4,187	0	422	0	0	422	0	55	357	131	0	543	0	0	5,152
Tank Cars																	
Domestic	69	269	338	0	0	0	0	0	0	0	0	22	0	22	0	112	472
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	337	337	119	241	12	1,041	1,413	855	212	439	806	497	2,809	822	1,588	6,969
Foreign	0	0	0	0	0	0	0	0	167	0	0	0	0	167	0	0	167
Total																	
Domestic	3,484	3,347	6,831	1,646	40,612	3,431	22,330	68,019	10,080	60,052	42,735	4,050	2,169	119,086	10,041	59,887	263,864
Foreign	27,457	112	27,569	207	8,047	2,912	967	12,133	1,328	19,102	13,452	563	0	34,445	885	4,711	79,743

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87, "Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, May 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,347	2,347	1,531	38,921	3,767	22,652	66,871	12,129	54,617	31,458	3,454	1,906	103,564	9,313	28,938	211,033
Foreign	0	567	567	159	9,116	3,824	1,031	14,130	1,111	9,361	645	247	0	11,364	1,100	478	27,639
Tanker																	
Domestic	2,454	0	2,454	0	0	0	0	0	0	5,527	5,467	0	0	10,994	0	28,969	42,417
Foreign	23,779	0	23,779	0	0	0	0	0	0	14,507	17,945	0	0	32,452	0	4,684	60,915
Barge																	
Domestic	0	44	44	0	1,401	0	0	1,401	0	4,057	5,410	8	0	9,475	0	264	11,184
Foreign	4,791	0	4,791	0	280	0	0	280	0	213	362	317	0	892	0	0	5,963
Tank Cars																	
Domestic	59	187	246	0	0	0	0	0	0	0	0	23	0	23	0	112	381
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	355	355	0	269	28	931	1,228	732	231	428	924	356	2,671	922	1,420	6,596
Foreign	0	0	0	0	0	0	0	0	203	0	0	0	0	203	1	0	204
Total																	
Domestic	2,513	2,933	5,446	1,531	40,591	3,795	23,583	69,500	12,861	64,432	42,763	4,409	2,262	126,727	10,235	59,703	271,611
Foreign	28,570	567	29,137	159	9,396	3,824	1,031	14,410	1,314	24,081	18,952	564	0	44,911	1,101	5,162	94,721

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, June 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala- chian #1	Total	Appala- chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,157	2,157	1,349	41,696	4,442	22,019	69,506	12,205	50,145	28,719	3,349	2,036	96,454	10,645	26,505	205,267
Foreign	0	281	281	215	12,180	3,848	1,508	17,751	1,468	11,252	744	628	0	14,092	1,146	626	33,896
Tanker																	
Domestic	5,323	0	5,323	0	0	0	0	0	0	3,357	5,549	0	0	8,906	0	29,696	43,925
Foreign	27,749	0	27,749	0	0	0	0	0	0	18,329	19,128	0	0	37,457	0	4,890	70,096
Barge																	
Domestic	0	26	26	0	1,055	0	0	1,055	18	4,285	4,711	16	0	9,030	0	396	10,507
Foreign	5,080	0	5,080	0	760	0	0	760	0	94	614	349	0	1,057	0	0	6,897
Tank Cars																	
Domestic	0	290	290	0	0	0	0	0	0	0	0	27	0	27	0	0	317
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	371	371	119	383	13	879	1,394	711	190	431	1,007	347	2,686	929	1,343	6,723
Foreign	0	0	0	0	0	0	0	0	193	0	0	0	0	193	1	0	194
Total																	
Domestic	5,323	2,844	8,167	1,468	43,134	4,455	22,898	71,955	12,934	57,977	39,410	4,399	2,383	117,103	11,574	57,940	266,739
Foreign	32,829	281	33,110	215	12,940	3,848	1,508	18,511	1,661	29,675	20,486	977	0	52,799	1,147	5,516	111,083

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, July 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,845	1,845	1,333	37,789	4,006	23,124	66,252	12,937	47,904	29,775	3,578	2,143	96,337	11,632	27,540	203,606
Foreign	0	0	0	380	18,193	4,332	801	23,706	1,014	11,824	3,524	716	0	17,078	1,295	573	42,652
Tanker																	
Domestic	4,601	0	4,601	0	0	0	0	0	0	4,898	4,842	0	0	9,740	0	29,756	44,097
Foreign	25,910	0	25,910	0	0	0	0	0	0	17,951	22,320	0	0	40,271	0	6,578	72,759
Barge																	
Domestic	0	29	29	0	1,030	0	0	1,030	19	4,856	4,987	77	0	9,939	0	263	11,261
Foreign	5,576	0	5,576	0	1,153	0	0	1,153	0	142	585	374	0	1,101	0	0	7,830
Tank Cars																	
Domestic	81	264	345	0	0	0	0	0	0	0	0	20	0	20	0	0	365
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	326	326	111	434	15	929	1,489	825	216	436	958	325	2,760	967	1,584	7,126
Foreign	0	0	0	0	0	0	0	0	193	0	0	0	0	193	0	0	193
Total																	
Domestic	4,682	2,464	7,146	1,444	39,253	4,021	24,053	68,771	13,781	57,874	40,040	4,633	2,468	118,796	12,599	59,143	266,455
Foreign	31,486	0	31,486	380	19,346	4,332	801	24,859	1,207	29,917	26,429	1,090	0	58,643	1,295	7,151	123,434

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, August 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,926	1,926	169	37,496	5,026	20,760	63,451	12,600	48,026	30,193	3,879	2,112	96,810	11,542	29,930	203,659
Foreign	0	0	0	162	17,496	3,819	712	22,189	1,552	11,734	2,016	322	0	15,624	1,459	681	39,953
Tanker																	
Domestic	3,862	0	3,862	0	0	0	0	0	0	4,269	3,408	0	0	7,677	0	31,740	43,279
Foreign	26,499	0	26,499	0	0	0	0	0	0	17,965	18,562	0	0	36,527	0	5,023	68,049
Barge																	
Domestic	0	77	77	0	965	0	0	965	0	4,692	4,946	95	0	9,733	0	446	11,221
Foreign	4,070	0	4,070	0	356	0	0	356	0	279	99	364	0	742	0	0	5,168
Tank Cars																	
Domestic	67	359	426	0	0	0	0	0	0	0	0	20	0	20	0	0	446
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	384	384	16	372	13	966	1,367	674	216	399	889	339	2,517	965	1,345	6,578
Foreign	0	0	0	0	0	0	0	0	167	0	0	0	0	167	0	3	170
Total																	
Domestic	3,929	2,746	6,675	185	38,833	5,039	21,726	65,783	13,274	57,203	38,946	4,883	2,451	116,757	12,507	63,461	265,183
Foreign	30,569	0	30,569	162	17,852	3,819	712	22,545	1,719	29,978	20,677	686	0	53,060	1,459	5,707	113,340

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87, "Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, September 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,654	1,654	838	39,616	4,185	19,881	64,520	11,724	47,260	29,026	3,348	1,961	93,319	10,449	28,390	198,332
Foreign	0	0	0	120	15,653	3,666	630	20,069	1,114	10,595	3,368	447	0	15,524	1,476	617	37,686
Tanker																	
Domestic	3,077	0	3,077	0	0	0	0	0	0	6,609	3,326	0	0	9,935	0	26,976	39,988
Foreign	23,236	0	23,236	0	0	0	0	0	0	16,074	15,573	0	0	31,647	0	4,990	59,873
Barge																	
Domestic	0	154	154	0	288	0	0	288	0	4,824	4,495	92	0	9,411	0	185	10,038
Foreign	5,189	0	5,189	0	1,360	0	0	1,360	0	24	760	256	0	1,040	0	0	7,589
Tank Cars																	
Domestic	60	252	312	0	0	0	0	0	0	0	0	12	0	12	0	0	324
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	360	360	51	275	14	904	1,244	624	201	405	899	307	2,436	820	1,246	6,106
Foreign	0	0	0	0	0	0	0	0	174	0	0	0	0	174	0	0	174
Total																	
Domestic	3,137	2,420	5,557	889	40,179	4,199	20,785	66,052	12,348	58,894	37,252	4,351	2,268	115,113	11,269	56,797	254,788
Foreign	28,425	0	28,425	120	17,013	3,666	630	21,429	1,288	26,693	19,701	703	0	48,385	1,476	5,607	105,322

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, October 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	941	941	1,557	34,082	4,444	19,949	60,032	11,874	50,725	31,362	3,409	2,023	99,393	10,584	28,816	199,766
Foreign	0	0	0	73	12,786	3,577	887	17,323	782	11,077	6,351	320	0	18,530	1,648	489	37,990
Tanker																	
Domestic	3,605	0	3,605	0	0	0	0	0	0	6,104	5,085	0	0	11,189	0	25,110	39,904
Foreign	24,767	0	24,767	0	317	0	0	317	0	19,723	16,207	0	0	35,930	0	5,760	66,774
Barge																	
Domestic	0	143	143	0	1,027	0	0	1,027	0	5,224	4,873	115	0	10,212	0	578	11,960
Foreign	4,682	0	4,682	0	668	0	0	668	0	57	188	534	0	779	0	0	6,129
Tank Cars																	
Domestic	82	269	351	0	0	0	0	0	0	0	0	17	0	17	0	136	504
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	446	446	99	331	13	844	1,287	673	209	434	1,004	313	2,633	878	1,340	6,584
Foreign	0	0	0	0	0	0	0	0	186	0	0	0	0	186	0	0	186
Total																	
Domestic	3,687	1,799	5,486	1,656	35,440	4,457	20,793	62,346	12,547	62,262	41,754	4,545	2,336	123,444	11,462	55,980	258,718
Foreign	29,449	0	29,449	73	13,771	3,577	887	18,308	968	30,857	22,746	854	0	55,425	1,648	6,249	111,079

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87, "Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, November 1982 (Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	1,144	1,144	1,583	32,244	4,172	19,561	57,560	11,499	49,513	30,321	3,276	2,020	96,629	10,176	29,148	194,657
Foreign	0	0	0	181	13,638	3,675	1,428	18,922	737	7,517	4,299	175	0	12,728	1,801	773	34,224
Tanker																	
Domestic	3,042	0	3,042	0	0	0	0	0	0	5,551	4,832	0	0	10,383	0	25,490	38,915
Foreign	26,541	0	26,541	0	742	0	0	742	0	16,906	17,335	0	0	34,241	0	5,698	67,222
Barge																	
Domestic	0	37	37	0	969	0	0	969	0	5,285	4,059	32	0	9,376	0	268	10,650
Foreign	4,281	0	4,281	0	886	0	0	886	0	0	55	786	0	841	0	0	6,008
Tank Cars																	
Domestic	68	349	417	0	0	0	0	0	0	0	0	19	0	19	0	0	436
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	361	361	0	269	38	858	1,165	661	189	441	968	305	2,564	853	1,459	6,402
Foreign	0	0	0	0	0	0	0	0	171	0	0	0	0	171	0	0	171
Total																	
Domestic	3,110	1,891	5,001	1,583	33,482	4,210	20,419	59,694	12,160	60,538	39,653	4,295	2,325	118,971	11,029	56,365	251,060
Foreign	30,822	0	30,822	181	15,266	3,675	1,428	20,550	908	24,423	21,689	961	0	47,981	1,801	6,471	107,625

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 16. Refinery Receipts of Crude Oil by PAD District, December 1982
(Thousands of Barrels)

Method	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Pipeline																	
Domestic	0	2,115	2,115	1,547	35,988	3,926	20,030	61,491	12,241	46,109	32,097	3,499	2,025	95,971	11,427	28,914	199,918
Foreign	0	0	0	152	14,419	3,943	1,111	19,625	966	7,062	5,012	249	0	13,289	1,722	736	35,372
Tanker																	
Domestic	4,531	0	4,531	0	0	0	0	0	0	4,568	4,489	0	0	9,057	0	25,129	38,717
Foreign	22,038	0	22,038	0	803	0	0	803	0	11,714	12,507	0	0	24,221	0	5,877	52,939
Barge																	
Domestic	0	79	79	0	1,129	0	0	1,129	0	5,188	4,390	30	0	9,608	0	717	11,533
Foreign	5,126	0	5,126	0	680	0	0	680	0	45	70	113	0	228	0	0	6,034
Tank Cars																	
Domestic	77	336	413	0	0	0	0	0	0	0	0	17	0	17	0	30	460
Foreign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks																	
Domestic	0	316	316	0	364	34	905	1,303	688	173	459	892	325	2,537	857	1,519	6,532
Foreign	0	0	0	0	0	0	0	0	182	0	0	0	0	182	47	0	229
Total																	
Domestic	4,608	2,846	7,454	1,547	37,481	3,960	20,935	63,923	12,929	56,038	41,435	4,438	2,350	117,190	12,284	56,309	257,160
Foreign	27,164	0	27,164	152	15,902	3,943	1,111	21,108	1,148	18,821	17,589	362	0	37,920	1,769	6,613	94,574

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, January 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases[1]	34	38	72	5	223	21	43	292	6	30	314	0	3	353	8	106	832
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	64	38	102	0	7	0	3	10	18	52	4	2	(s)	75	0	8	196
Residual Fuel Oil	998	81	1,079	18	727	94	67	906	11	290	77	14	0	392	159	282	2,819
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	29	44
Catalyst Petroleum Coke	383	48	431	22	771	74	366	1,232	248	1,106	639	21	9	2,023	145	865	4,696
Still Gas	1,270	158	1,428	63	2,162	249	834	3,309	331	3,102	2,297	157	46	5,931	507	3,039	14,214
Other Fuels[2]	0	0	0	0	79	0	0	79	0	28	0	0	0	28	13	202	323
Natural Gas (million cubic feet)	2,170	384	2,554	44	3,753	200	5,461	9,458	2,908	26,021	9,091	919	232	39,171	1,407	8,496	61,086
Coal (thousand short tons)	170	15	185	0	0	0	0	0	0	0	0	0	0	0	0	0	185
Purchased Electricity (million kWh)	197	34	231	14	323	50	197	584	95	394	388	22	23	923	65	538	2,341
Purchased Steam (million pounds)	830	9	839	0	11	0	0	11	7	(s)	884	0	0	890	0	923	2,663

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, February 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases[1]	5	27	31	10	170	32	25	236	0	42	187	0	2	231	7	114	619
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	67	44	111	0	3	0	0	3	14	0	8	0	0	22	0	6	142
Residual Fuel Oil	816	75	891	13	625	95	58	792	15	305	69	12	0	400	124	228	2,435
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	15	31
Catalyst Petroleum Coke	541	44	585	21	737	62	347	1,166	224	1,025	474	21	9	1,753	130	680	4,314
Still Gas	1,150	129	1,279	55	1,959	219	898	3,131	303	2,921	1,872	153	43	5,293	410	2,711	12,824
Other Fuels[2]	0	0	0	0	93	0	0	93	(s)	37	0	0	0	37	0	107	238
Natural Gas (million cubic feet)	1,963	422	2,386	37	2,968	80	4,576	7,661	2,690	19,030	7,933	852	180	30,685	1,696	7,907	50,334
Coal (thousand short tons)	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Purchased Electricity (million kWh)	186	36	222	13	292	41	143	488	80	302	318	22	23	746	72	501	2,028
Purchased Steam (million pounds)	737	10	747	0	933	0	0	933	5	0	815	0	0	820	0	131	2,631

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, March 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	(s)	1
Liquefied Petroleum Gases[1]	17	13	30	11	269	36	24	340	10	81	311	0	3	405	8	206	988
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	57	25	82	0	6	0	0	6	11	0	15	0	(s)	26	7	5	125
Residual Fuel Oil	800	84	884	9	372	79	58	518	10	239	60	14	0	323	124	258	2,106
Marketable Petroleum Coke	0	0	0	0	2	0	0	2	0	0	0	0	0	0	11	44	57
Catalyst Petroleum Coke	633	44	677	25	757	69	367	1,218	190	1,342	679	24	0	2,235	152	814	5,096
Still Gas	1,239	124	1,364	69	2,202	238	1,001	3,509	274	3,948	2,313	168	60	6,762	465	2,911	15,012
Other Fuels [2]	0	0	0	0	93	0	0	93	0	23	(s)	0	0	23	0	127	243
Natural Gas (million cubic feet)	2,014	303	2,317	34	3,025	79	5,486	8,624	2,836	18,885	7,506	885	195	30,307	1,332	8,377	50,957
Coal (thousand short tons)	0	15	15	0	0	0	0	0	0	38	0	0	0	38	0	0	53
Purchased Electricity (million kWh)	202	42	243	14	359	45	143	560	75	355	354	22	26	833	63	503	2,201
Purchased Steam (million pounds)	737	12	749	0	125	0	0	125	18	0	974	0	0	992	0	1,454	3,320

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, April 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	(s)	15
Liquefied Petroleum Gases[1]	19	14	33	10	295	29	39	373	24	124	257	0	4	408	7	391	1,213
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	59	26	86	0	8	0	0	8	2	0	3	0	(s)	5	0	5	104
Residual Fuel Oil	643	60	703	9	260	50	56	376	3	198	62	11	4	280	117	291	1,766
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	61	72
Catalyst Petroleum Coke	609	48	657	23	716	64	331	1,134	213	1,289	682	23	5	2,212	116	811	4,930
Still Gas	1,206	118	1,325	67	2,143	251	997	3,458	279	3,989	2,241	159	21	6,689	421	2,852	14,745
Other Fuels [2]	0	0	0	0	66	0	0	66	6	0	(s)	0	0	6	0	95	167
Natural Gas (million cubic feet)	1,970	251	2,221	48	2,239	54	3,887	6,228	2,708	20,230	7,175	891	199	31,203	1,112	6,126	46,889
Coal (thousand short tons)	0	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Purchased Electricity (million kWh)	198	36	234	15	315	45	151	526	77	380	350	22	20	850	63	506	2,179
Purchased Steam (million pounds)	688	9	696	0	462	0	0	462	16	0	720	0	0	736	0	776	2,671

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, May 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	(s)	0	0	(s)	0	0	11	0	0	11	0	(s)	11
Liquefied Petroleum Gases1	55	15	70	6	216	25	37	285	19	132	248	0	(s)	400	11	268	1,033
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	41	20	61	0	6	0	0	6	0	0	3	0	(s)	3	0	5	75
Residual Fuel Oil	528	62	590	10	450	35	68	563	13	139	63	9	0	223	89	299	1,766
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	65	80
Catalyst Petroleum Coke	667	49	716	22	709	62	306	1,099	226	1,397	1,186	25	6	2,839	87	782	5,523
Still Gas	1,404	132	1,536	74	2,222	247	989	3,532	287	4,211	2,063	193	40	6,794	409	3,091	15,362
Other Fuels 2	0	0	0	0	76	0	0	76	27	36	(s)	0	0	63	0	110	249
Natural Gas (million cubic feet)	1,737	268	2,005	27	2,460	54	2,878	5,419	2,881	15,977	6,226	803	184	26,072	1,219	6,719	41,435
Coal (thousand short tons)	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Purchased Electricity (million kWh)	194	39	233	13	337	45	157	552	96	371	397	22	18	904	63	490	2,243
Purchased Steam (million pounds)	640	7	647	0	0	0	0	0	8	0	711	0	0	719	0	725	2,091

1 Includes liquefied refinery gases.
2 Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.
(s) Less than 500 barrels except where noted.
Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, June 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Liquefied Petroleum Gases1	49	25	74	1	235	24	21	281	11	63	447	0	10	532	14	280	1,181
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	32	18	50	0	5	0	0	5	19	1	4	0	(s)	24	0	7	85
Residual Fuel Oil	546	60	606	12	404	28	49	493	5	157	48	10	0	220	81	296	1,696
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	48	62
Catalyst Petroleum Coke	599	47	646	23	829	76	330	1,258	201	1,442	687	22	10	2,362	135	810	5,211
Still Gas	1,452	130	1,582	75	2,593	262	956	3,886	313	4,588	2,689	174	54	7,818	450	3,324	17,060
Other Fuels 2	0	0	0	0	84	0	0	84	0	40	(s)	0	0	40	0	99	224
Natural Gas (million cubic feet)	1,995	243	2,238	26	2,370	32	3,634	6,061	2,850	19,643	5,771	795	995	30,055	1,131	6,520	46,005
Coal (thousand short tons)	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Purchased Electricity (million kWh)	224	43	267	14	340	47	151	552	81	392	404	22	25	924	72	537	2,351
Purchased Steam (million pounds)	483	11	494	0	0	0	(s)	(s)	1	0	685	0	0	686	0	688	1,867

1 Includes liquefied refinery gases.
2 Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.
(s) Less than 500 barrels except where noted.
Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, July 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Liquefied Petroleum Gases[1]	42	6	48	0	123	23	23	169	2	50	354	0	8	414	8	369	1,009
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	43	21	64	0	6	0	0	6	16	0	3	0	(s)	19	2	13	105
Residual Fuel Oil	572	48	620	10	346	29	23	408	6	113	62	11	0	193	67	257	1,544
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	49	58
Catalyst Petroleum Coke	771	18	788	30	836	76	324	1,266	248	1,500	706	23	10	2,487	144	880	5,566
Still Gas	1,490	126	1,616	78	2,630	219	953	3,880	359	4,620	2,600	194	53	7,825	520	3,367	17,209
Other Fuels [2]	0	0	0	0	84	0	0	84	0	40	(s)	0	0	40	0	90	214
Natural Gas (million cubic feet)	1,491	241	1,731	33	2,132	37	3,394	5,597	2,773	19,510	6,157	863	125	29,428	1,027	6,991	44,774
Coal (thousand short tons)	0	10	10	0	0	0	0	0	0	28	0	0	0	28	0	0	38
Purchased Electricity (million kWh)	234	30	264	14	364	50	159	587	79	430	431	25	24	989	79	570	2,488
Purchased Steam (million pounds)	649	7	656	0	117	0	(s)	117	(s)	0	988	0	0	988	0	630	2,391

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, August 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Liquefied Petroleum Gases[1]	14	6	20	1	99	21	62	183	6	2	361	0	7	376	6	263	849
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	22	22	44	0	4	0	0	4	20	0	3	0	(s)	23	0	8	78
Residual Fuel Oil	500	64	564	5	414	34	11	465	8	96	74	15	0	194	58	308	1,587
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	47	61
Catalyst Petroleum Coke	742	16	758	7	619	88	235	949	226	1,524	735	23	9	2,516	138	778	5,139
Still Gas	1,358	114	1,472	14	1,991	240	1,007	3,253	375	4,130	2,387	180	64	7,137	526	3,079	15,467
Other Fuels [2]	0	0	0	0	80	0	0	80	0	67	(s)	0	0	67	0	67	214
Natural Gas (million cubic feet)	1,415	238	1,653	66	2,164	76	2,634	4,940	2,597	19,098	7,440	792	110	30,038	724	7,462	44,816
Coal (thousand short tons)	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Purchased Electricity (million kWh)	233	27	260	7	691	50	150	897	84	796	400	23	23	1,326	124	547	3,155
Purchased Steam (million pounds)	608	6	614	0	45	0	0	45	0	0	539	0	0	539	0	637	1,836

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, September 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Liquefied Petroleum Gases[1]	16	8	24	14	102	22	20	158	1	4	257	0	7	269	4	237	692
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	30	19	49	0	5	0	0	5	19	0	2	0	(s)	21	0	15	91
Residual Fuel Oil	453	56	509	7	434	36	1	477	5	148	74	15	0	242	62	264	1,554
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	54	67
Catalyst Petroleum Coke	707	15	722	12	826	72	235	1,144	227	1,278	759	21	11	2,297	152	736	5,051
Still Gas	1,379	108	1,487	30	2,468	243	915	3,656	336	3,637	2,367	172	50	6,562	502	3,224	15,432
Other Fuels [2]	0	0	0	0	67	0	0	67	0	51	0	0	0	51	0	71	189
Natural Gas (million cubic feet)	1,377	211	1,588	43	2,148	81	2,838	5,110	2,537	22,555	6,588	827	123	32,630	828	7,108	47,264
Coal (thousand short tons)	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Purchased Electricity (million kWh)	215	27	243	7	402	49	139	598	96	400	394	22	28	940	79	543	2,402
Purchased Steam (million pounds)	567	6	573	0	152	0	0	152	0	0	520	0	0	520	0	619	1,864

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, October 1982 (Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Liquefied Petroleum Gases[1]	22	4	25	6	36	20	19	81	(s)	1	327	0	4	333	9	274	723
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	100	20	120	0	6	0	(s)	6	15	0	3	0	(s)	17	0	14	157
Residual Fuel Oil	559	52	610	17	321	61	1	400	10	153	89	18	0	270	74	260	1,613
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	47	61
Catalyst Petroleum Coke	675	5	681	24	584	64	218	889	224	1,348	800	26	11	2,409	160	780	4,918
Still Gas	1,408	74	1,482	62	1,996	274	805	3,138	333	3,927	2,302	179	56	6,797	493	2,993	14,903
Other Fuels [2]	0	0	0	0	76	0	0	76	0	18	0	0	0	18	2	70	167
Natural Gas (million cubic feet)	1,573	275	1,849	69	4,032	84	3,245	7,431	2,716	20,652	8,199	869	146	32,583	1,275	7,424	50,561
Coal (thousand short tons)	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Purchased Electricity (million kWh)	226	40	266	13	363	47	509	932	76	358	443	20	26	922	118	779	3,016
Purchased Steam (million pounds)	600	5	605	0	145	0	0	145	0	0	536	0	0	536	0	710	1,996

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, November 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	(s)	6
Liquefied Petroleum Gases¹	12	2	14	(s)	40	15	48	104	1	4	317	0	5	326	3	176	623
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	664	13	676	0	3	0	(s)	3	7	0	2	0	(s)	9	0	20	708
Residual Fuel Oil	628	52	680	20	319	84	3	426	5	174	86	19	0	285	277	318	1,985
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	(s)	0	0	0	(s)	13	45	58
Catalyst Petroleum Coke	702	11	713	27	707	68	221	1,024	186	1,231	740	25	11	2,192	145	809	4,883
Still Gas	1,378	85	1,463	66	1,821	256	814	2,958	377	3,897	2,069	161	48	6,551	432	3,043	14,447
Other Fuels ²	6	0	6	0	79	0	0	79	0	11	0	0	0	11	2	64	162
Natural Gas (million cubic feet)	1,868	219	2,088	53	4,299	142	3,318	7,811	2,801	21,355	8,807	862	146	33,972	1,305	7,060	52,235
Coal (thousand short tons)	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Purchased Electricity (million kWh)	234	28	262	13	367	46	571	997	77	368	405	22	21	893	123	821	3,097
Purchased Steam (million pounds)	611	6	617	0	96	0	0	96	0	0	597	0	0	597	0	817	2,127

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 17. Fuels Consumed at Refineries by PAD District, December 1982
(Thousands of Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (including lease condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
Liquefied Petroleum Gases¹	26	(s)	27	3	64	26	19	111	(s)	4	177	0	3	184	5	124	451
Unfinished Oils	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distillate Fuel Oil	35	17	52	0	5	0	3	8	7	0	1	0	(s)	8	0	64	131
Residual Fuel Oil	584	73	657	23	407	55	4	489	3	159	113	18	0	293	104	332	1,875
Marketable Petroleum Coke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	75	90
Catalyst Petroleum Coke	836	20	856	29	808	69	258	1,164	226	1,412	773	25	10	2,446	156	840	5,462
Still Gas	1,376	129	1,505	69	2,202	261	882	3,414	410	3,509	1,895	181	47	6,042	483	3,098	14,541
Other Fuels ²	6	0	6	0	84	0	0	84	0	6	0	0	0	6	2	72	171
Natural Gas (million cubic feet)	1,831	272	2,103	44	3,433	205	3,316	6,998	3,058	23,573	9,362	840	166	36,999	1,235	7,171	54,506
Coal (thousand short tons)	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Purchased Electricity (million kWh)	209	103	313	15	373	49	634	1,071	76	337	433	23	22	892	170	573	3,018
Purchased Steam (million pounds)	665	9	674	0	100	0	0	100	0	0	639	0	0	639	0	834	2,247

[1] Includes liquefied refinery gases.

[2] Includes small quantities of other petroleum products (e.g., unfinished oils, kerosene, etc.) consumed at refineries.

(s) Less than 500 barrels except where noted.

Note: Totals may not equal sum of components due to independent rounding.

Source: Form EIA-87,"Refinery Report."

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, January 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**30,446**	**16,916**	**59,434**	**852**	**6,830**	**114,479**
Natural Gas Liquids	**995**	**6,381**	**1,339**	**649**	**810**	**10,173**
Natural Gasoline and Isopentane	0	0	312	0	0	312
Plant Condensate	0	0	0	129	10	139
Liquefied Petroleum Gases and Ethane	995	6,381	1,027	519	800	9,722
Ethane	0	1,823	0	0	0	1,823
Propane	606	1,543	531	299	100	3,079
Butane	389	1,167	0	220	701	2,476
Butane-Propane Mixtures	0	0	496	0	0	496
Ethane-Propane Mixtures	0	1,848	0	0	0	1,848
Other Liquids [1]	**2,164**	**659**	**3,086**	**27**	**471**	**6,407**
Unfinished Oils [1]	1,956	320	2,553	0	220	5,048
Motor Gasoline Blending Components	209	340	533	27	251	1,359
Finished Petroleum Products	**30,256**	**217**	**2,195**	**(s)**	**1,571**	**34,240**
Finished Motor Gasoline	2,753	2	236	0	979	3,970
Finished Leaded Motor Gasoline	1,146	0	(s)	0	696	1,842
Finished Unleaded Motor Gasoline	1,607	2	236	0	283	2,128
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	101	0	0	0	0	101
Kerosene-Type Jet Fuel	187	0	0	0	31	217
Bonded Aircraft Fuel	88	0	0	0	31	119
Other	98	0	0	0	0	98
Kerosene	710	0	0	0	0	710
Distillate Fuel Oil	2,822	0	21	(s)	172	3,015
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,798	0	21	(s)	172	2,992
No. 4 fuel oil	24	0	0	0	0	24
Residual Fuel Oil	23,462	146	1,818	0	336	25,763
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	55	0	0	0	0	55
Other	23,408	146	1,818	0	336	25,708
Naphtha < 400 Deg. for Petro. Feed. Use	37	0	100	0	40	178
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	11	56	14	0	12	93
Lubricants	168	2	(s)	(s)	(s)	171
Wax	4	5	5	0	1	14
Asphalt	1	0	0	0	0	1
Miscellaneous Products	1	6	(s)	0	(s)	7
Total Imports	**63,861**	**24,173**	**66,055**	**1,528**	**9,682**	**165,300**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, February 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**26,409**	**16,019**	**36,864**	**636**	**3,780**	**83,708**
Natural Gas Liquids	**582**	**5,497**	**967**	**769**	**471**	**8,286**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	0	0	0	107	43	150
Liquefied Petroleum Gases and Ethane	581	5,497	967	661	428	8,135
Ethane	0	2,042	0	0	0	2,042
Propane	352	1,235	0	395	45	2,027
Butane	229	788	0	266	383	1,666
Butane-Propane Mixtures	0	0	967	0	0	967
Ethane-Propane Mixtures	0	1,433	0	0	0	1,433
Other Liquids [1]	**1,172**	**594**	**3,397**	**49**	**377**	**5,589**
Unfinished Oils [1]	982	203	3,197	0	0	4,382
Motor Gasoline Blending Components	190	391	200	49	377	1,207
Finished Petroleum Products	**30,955**	**797**	**3,407**	**1**	**1,844**	**37,005**
Finished Motor Gasoline	2,954	(s)	225	0	550	3,729
Finished Leaded Motor Gasoline	1,870	0	225	0	422	2,517
Finished Unleaded Motor Gasoline	1,084	(s)	0	0	128	1,212
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	217	0	0	0	0	217
Kerosene-Type Jet Fuel	1,506	0	0	0	26	1,532
Bonded Aircraft Fuel	509	0	0	0	20	529
Other	997	0	0	0	6	1,003
Kerosene	218	0	0	0	(s)	218
Distillate Fuel Oil	3,105	0	516	(s)	78	3,699
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,105	0	516	(s)	78	3,699
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	22,579	754	2,276	0	1,167	26,776
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	22,579	754	2,276	0	1,167	26,776
Naphtha < 400 Deg. for Petro. Feed. Use	77	0	105	0	6	188
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	24	32	170	0	14	239
Lubricants	201	2	100	1	(s)	304
Wax	16	5	14	0	3	38
Asphalt	58	0	0	0	0	58
Miscellaneous Products	1	4	1	0	0	6
Total Imports	**59,119**	**22,909**	**44,635**	**1,455**	**6,471**	**134,588**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, March 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**29,287**	**13,979**	**40,115**	**628**	**5,095**	**89,104**
Natural Gas Liquids	**416**	**5,168**	**425**	**594**	**497**	**7,100**
Natural Gasoline and Isopentane	1	0	0	0	0	1
Plant Condensate	0	0	0	143	43	186
Liquefied Petroleum Gases and Ethane	415	5,168	425	451	454	6,913
Ethane	0	1,812	0	0	0	1,812
Propane	234	1,195	0	344	100	1,873
Butane	182	650	0	107	353	1,292
Butane-Propane Mixtures	0	0	425	0	0	425
Ethane-Propane Mixtures	0	1,512	0	0	0	1,512
Other Liquids [1]	**2,144**	**482**	**1,855**	**53**	**209**	**4,744**
Unfinished Oils [1]	1,552	51	1,802	0	209	3,614
Motor Gasoline Blending Components	592	431	54	53	0	1,130
Finished Petroleum Products	**31,693**	**731**	**3,344**	**1**	**2,292**	**38,061**
Finished Motor Gasoline	4,636	2	(s)	0	1,042	5,680
Finished Leaded Motor Gasoline	2,703	0	(s)	0	681	3,385
Finished Unleaded Motor Gasoline	1,933	2	0	0	361	2,296
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	1,200	0	0	0	0	1,200
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	1,200	0	0	0	0	1,200
Kerosene	49	0	0	0	0	49
Distillate Fuel Oil	1,141	0	200	(s)	160	1,501
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	1,141	0	200	(s)	157	1,497
No. 4 fuel oil	0	0	0	0	4	4
Residual Fuel Oil	24,143	614	2,816	0	708	28,281
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	24,143	614	2,816	0	708	28,281
Naphtha < 400 Deg. for Petro. Feed. Use	36	0	34	0	4	74
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	371	89	293	0	377	1,130
Lubricants	109	12	(s)	(s)	(s)	121
Wax	4	5	1	0	1	10
Asphalt	1	0	0	0	0	1
Miscellaneous Products	2	9	1	0	(s)	13
Total Imports	**63,539**	**20,361**	**45,740**	**1,276**	**8,094**	**139,009**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, April 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**27,164**	**10,265**	**42,855**	**717**	**4,467**	**85,467**
Natural Gas Liquids	**346**	**3,530**	**1,125**	**345**	**458**	**5,803**
Natural Gasoline and Isopentane	(s)	0	0	0	0	(s)
Plant Condensate	135	0	0	37	0	172
Liquefied Petroleum Gases and Ethane	210	3,530	1,125	308	458	5,631
Ethane	0	1,207	0	0	0	1,207
Propane	128	518	0	207	114	968
Butane	82	834	0	101	344	1,361
Butane-Propane Mixtures	0	0	1,125	0	0	1,125
Ethane-Propane Mixtures	0	971	0	0	0	971
Other Liquids 1	**3,069**	**389**	**2,298**	**0**	**174**	**5,930**
Unfinished Oils 1	1,807	345	2,194	0	174	4,520
Motor Gasoline Blending Components	1,262	44	104	0	0	1,410
Finished Petroleum Products	**27,632**	**356**	**3,723**	**1**	**2,428**	**34,140**
Finished Motor Gasoline	4,193	2	242	0	1,113	5,551
Finished Leaded Motor Gasoline	3,091	0	(s)	0	672	3,763
Finished Unleaded Motor Gasoline	1,102	2	242	0	441	1,788
Finished Aviation Gasoline	0	0	0	0	0	0
Naphtha-Type Jet Fuel	182	0	0	0	0	182
Kerosene-Type Jet Fuel	1,242	0	0	0	0	1,242
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	1,242	0	0	0	0	1,242
Kerosene	500	0	2	0	0	502
Distillate Fuel Oil	1,488	1	20	(s)	272	1,780
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	1,488	1	20	(s)	271	1,780
No. 4 fuel oil	0	0	0	0	(s)	(s)
Residual Fuel Oil	19,681	250	3,008	0	707	23,647
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	19,681	250	3,008	0	707	23,647
Naphtha < 400 Deg. for Petro. Feed. Use	92	0	115	0	119	326
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	18	77	271	(s)	217	584
Lubricants	116	10	60	(s)	(s)	187
Wax	4	4	4	0	0	12
Asphalt	114	5	0	0	0	118
Miscellaneous Products	2	6	(s)	0	(s)	9
Total Imports	**58,210**	**14,541**	**50,001**	**1,062**	**7,527**	**131,341**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, May 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	28,379	15,065	52,693	1,285	5,155	102,577
Natural Gas Liquids	456	3,942	863	485	397	6,144
Natural Gasoline and Isopentane	(s)	0	200	0	0	201
Plant Condensate	119	0	0	54	0	173
Liquefied Petroleum Gases and Ethane	336	3,942	663	432	397	5,770
Ethane	0	1,460	0	0	0	1,460
Propane	178	864	0	282	78	1,402
Butane	158	880	4	149	319	1,510
Butane-Propane Mixtures	0	0	659	0	0	659
Ethane-Propane Mixtures	(s)	738	0	0	0	739
Other Liquids [1]	3,344	393	3,084	0	636	7,457
Unfinished Oils [1]	2,806	212	3,062	0	252	6,332
Motor Gasoline Blending Components	538	181	22	0	383	1,125
Finished Petroleum Products	25,538	299	3,751	1	3,388	32,977
Finished Motor Gasoline	3,461	2	(s)	0	2,190	5,653
Finished Leaded Motor Gasoline	2,044	0	0	0	1,644	3,688
Finished Unleaded Motor Gasoline	1,417	2	(s)	0	546	1,965
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	179	0	0	0	191	370
Kerosene-Type Jet Fuel	579	0	0	0	0	579
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	579	0	0	0	0	579
Kerosene	176	0	3	0	0	179
Distillate Fuel Oil	2,044	(s)	28	(s)	221	2,293
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,044	(s)	28	(s)	221	2,293
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	18,531	171	3,523	0	769	22,994
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	18,531	171	3,523	0	769	22,994
Naphtha < 400 Deg. for Petro. Feed. Use	2	0	87	0	3	92
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	278	77	56	0	14	425
Lubricants	190	29	52	(s)	(s)	271
Wax	3	4	3	0	0	9
Asphalt	79	5	0	0	0	85
Miscellaneous Products	17	10	0	0	(s)	27
Total Imports	57,717	19,700	60,392	1,771	9,576	149,155

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, June 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**29,630**	**20,089**	**58,888**	**1,138**	**5,348**	**115,093**
Natural Gas Liquids	**400**	**3,753**	**1,500**	**602**	**343**	**6,598**
Natural Gasoline and Isopentane	(s)	0	685	0	0	686
Plant Condensate	77	0	0	62	0	139
Liquefied Petroleum Gases and Ethane	322	3,753	815	541	343	5,774
Ethane	0	1,586	0	0	0	1,586
Propane	257	981	0	351	78	1,666
Butane	66	1,186	109	190	265	1,816
Butane-Propane Mixtures	0	0	706	0	0	706
Ethane-Propane Mixtures	0	0	0	0	0	0
Other Liquids [1]	**2,526**	**387**	**3,628**	**3**	**387**	**6,931**
Unfinished Oils [1]	2,162	86	3,612	(s)	375	6,236
Motor Gasoline Blending Components	365	301	16	3	12	695
Finished Petroleum Products	**21,897**	**1,106**	**5,881**	(s)	**2,307**	**31,191**
Finished Motor Gasoline	5,373	421	(s)	0	1,110	6,905
Finished Leaded Motor Gasoline	3,264	419	(s)	0	901	4,584
Finished Unleaded Motor Gasoline	2,109	2	0	0	210	2,320
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	84	0	0	0	0	84
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	84	0	0	0	0	84
Kerosene	145	0	0	0	0	145
Distillate Fuel Oil	2,681	238	10	(s)	124	3,054
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,681	238	10	(s)	124	3,054
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	12,793	298	5,514	0	942	19,546
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	12,793	298	5,514	0	942	19,546
Naphtha < 400 Deg. for Petro. Feed. Use	84	0	143	0	5	231
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	36	88	146	0	125	394
Lubricants	299	35	49	(s)	(s)	383
Wax	2	3	18	0	2	25
Asphalt	396	17	0	0	0	413
Miscellaneous Products	2	6	2	0	(s)	10
Total Imports	**54,453**	**25,334**	**69,898**	**1,743**	**8,385**	**159,813**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, July 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**32,592**	**23,009**	**67,718**	**1,490**	**6,869**	**131,677**
Natural Gas Liquids	**405**	**5,310**	**2,117**	**401**	**351**	**8,584**
Natural Gasoline and Isopentane	(s)	0	1,315	0	0	1,316
Plant Condensate	92	0	0	135	0	227
Liquefied Petroleum Gases and Ethane	312	5,310	802	267	351	7,042
Ethane	0	1,721	0	0	0	1,721
Propane	201	931	0	139	53	1,324
Butane	111	770	94	128	298	1,401
Butane-Propane Mixtures	0	0	708	0	0	708
Ethane-Propane Mixtures	0	1,888	0	0	0	1,888
Other Liquids [1]	**2,652**	**594**	**3,751**	**4**	**311**	**7,312**
Unfinished Oils [1]	2,269	186	3,751	0	175	6,380
Motor Gasoline Blending Components	383	408	0	4	137	932
Finished Petroleum Products	**25,222**	**667**	**4,937**	**1**	**4,180**	**35,007**
Finished Motor Gasoline	4,547	62	(s)	0	2,378	6,987
Finished Leaded Motor Gasoline	2,891	59	(s)	0	1,502	4,453
Finished Unleaded Motor Gasoline	1,656	2	0	0	876	2,535
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	250	0	0	0	0	250
Kerosene-Type Jet Fuel	0	0	0	0	706	706
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	0	0	0	0	706	706
Kerosene	148	0	0	0	0	148
Distillate Fuel Oil	3,438	102	11	(s)	321	3,872
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,438	102	11	(s)	321	3,872
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	15,690	303	4,000	0	360	20,353
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	15,690	303	4,000	0	360	20,353
Naphtha < 400 Deg. for Petro. Feed. Use	693	0	826	0	63	1,582
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	20	127	16	(s)	348	512
Lubricants	233	49	46	1	(s)	330
Wax	7	3	37	0	4	50
Asphalt	195	19	0	0	0	214
Miscellaneous Products	1	2	1	0	0	3
Total Imports	**60,871**	**29,580**	**78,524**	**1,896**	**11,711**	**182,581**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, August 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**31,535**	**22,795**	**57,207**	**1,265**	**6,592**	**119,393**
Natural Gas Liquids	**295**	**2,403**	**481**	**480**	**353**	**4,012**
Natural Gasoline and Isopentane	1	0	0	0	0	1
Plant Condensate	0	0	0	131	0	131
Liquefied Petroleum Gases and Ethane	294	2,403	481	349	353	3,880
Ethane	0	774	0	0	0	774
Propane	277	689	0	218	46	1,230
Butane	17	939	0	131	307	1,395
Butane-Propane Mixtures	0	0	481	0	0	481
Ethane-Propane Mixtures	0	0	0	0	0	0
Other Liquids [1]	**3,169**	**482**	**2,447**	**18**	**1,101**	**7,217**
Unfinished Oils [1]	2,129	137	2,364	0	1,008	5,638
Motor Gasoline Blending Components	1,040	345	83	18	94	1,579
Finished Petroleum Products	**23,727**	**655**	**4,196**	(s)	**3,357**	**31,935**
Finished Motor Gasoline	6,784	163	(s)	0	2,085	9,032
Finished Leaded Motor Gasoline	4,904	85	(s)	0	1,429	6,419
Finished Unleaded Motor Gasoline	1,880	78	0	0	656	2,614
Finished Aviation Gasoline	0	0	(s)	0	0	(s)
Naphtha-Type Jet Fuel	215	0	0	0	0	215
Kerosene-Type Jet Fuel	338	0	0	0	262	600
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	338	0	0	0	262	600
Kerosene	0	0	0	0	245	245
Distillate Fuel Oil	2,232	50	12	0	172	2,466
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,232	50	12	0	172	2,466
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	13,130	211	3,419	0	302	17,062
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	(s)	(s)
Other	13,130	211	3,419	0	302	17,062
Naphtha < 400 Deg. for Petro. Feed. Use	622	0	290	0	65	977
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	34	139	370	0	203	746
Lubricants	151	65	70	(s)	20	306
Wax	11	3	34	0	4	51
Asphalt	209	23	0	0	0	232
Miscellaneous Products	(s)	0	(s)	0	0	1
Total Imports	**58,726**	**26,334**	**64,331**	**1,763**	**11,403**	**162,557**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, September 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**29,122**	**18,317**	**54,649**	**1,448**	**5,544**	**109,079**
Natural Gas Liquids	**454**	**4,035**	**2,778**	**814**	**394**	**8,475**
Natural Gasoline and Isopentane	(s)	0	501	0	0	502
Plant Condensate	76	0	429	56	0	561
Liquefied Petroleum Gases and Ethane	377	4,035	1,848	758	394	7,413
Ethane	0	895	0	0	0	895
Propane	270	1,458	0	408	76	2,211
Butane	107	916	511	350	319	2,203
Butane-Propane Mixtures	0	0	1,337	0	0	1,337
Ethane-Propane Mixtures	0	767	0	0	0	767
Other Liquids [1]	**2,784**	**411**	**2,995**	**25**	**163**	**6,377**
Unfinished Oils [1]	1,420	285	2,481	0	163	4,349
Motor Gasoline Blending Components	1,364	125	514	25	0	2,028
Finished Petroleum Products	**32,910**	**372**	**3,156**	**1**	**2,057**	**38,497**
Finished Motor Gasoline	5,408	97	(s)	0	1,195	6,700
Finished Leaded Motor Gasoline	3,224	94	(s)	0	1,001	4,319
Finished Unleaded Motor Gasoline	2,184	2	0	0	194	2,381
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	474	0	0	0	0	474
Kerosene-Type Jet Fuel	430	0	0	0	0	430
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	430	0	0	0	0	430
Kerosene	242	(s)	0	0	0	242
Distillate Fuel Oil	1,678	0	12	1	136	1,828
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	1,643	0	12	1	136	1,792
No. 4 fuel oil	35	0	0	0	0	35
Residual Fuel Oil	23,866	121	1,629	0	549	26,166
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	(s)	0	0	0	0	(s)
Other	23,866	121	1,629	0	549	26,166
Naphtha < 400 Deg. for Petro. Feed. Use	185	0	1,030	0	159	1,374
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	239	73	413	0	16	741
Lubricants	246	57	(s)	(s)	(s)	304
Wax	5	6	11	0	2	23
Asphalt	136	18	57	0	0	211
Miscellaneous Products	1	0	4	0	(s)	4
Total Imports	**65,270**	**23,135**	**63,579**	**2,287**	**8,158**	**162,429**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, October 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1] [2]	**28,582**	**16,477**	**60,355**	**1,629**	**6,723**	**113,766**
Natural Gas Liquids	**320**	**3,988**	**2,191**	**528**	**446**	**7,473**
Natural Gasoline and Isopentane	1	0	1,389	0	0	1,390
Plant Condensate	0	0	0	59	0	59
Liquefied Petroleum Gases and Ethane	319	3,988	802	468	446	6,024
Ethane	0	1,105	0	0	0	1,105
Propane	265	1,890	0	234	77	2,466
Butane	54	887	802	234	369	2,346
Butane-Propane Mixtures	0	0	0	0	0	0
Ethane-Propane Mixtures	0	107	0	0	0	107
Other Liquids [1]	**2,549**	**655**	**3,177**	**0**	**184**	**6,566**
Unfinished Oils [1]	2,047	378	2,996	0	158	5,579
Motor Gasoline Blending Components	502	277	181	0	26	986
Finished Petroleum Products	**28,268**	**491**	**5,419**	**1**	**2,499**	**36,679**
Finished Motor Gasoline	4,349	3	(s)	0	1,388	5,739
Finished Leaded Motor Gasoline	2,941	1	(s)	0	1,034	3,976
Finished Unleaded Motor Gasoline	1,408	2	0	0	354	1,763
Finished Aviation Gasoline	1	0	0	0	0	1
Naphtha-Type Jet Fuel	91	0	0	0	0	91
Kerosene-Type Jet Fuel	534	0	0	0	0	534
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	534	0	0	0	0	534
Kerosene	751	0	0	0	0	751
Distillate Fuel Oil	2,118	0	357	1	333	2,808
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	2,118	0	18	1	333	2,470
No. 4 fuel oil	0	0	339	0	0	339
Residual Fuel Oil	19,215	224	4,104	0	725	24,267
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	19,215	224	4,104	0	725	24,267
Naphtha < 400 Deg. for Petro. Feed. Use	281	106	363	0	29	779
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	405	78	197	1	19	699
Lubricants	177	64	(s)	(s)	(s)	241
Wax	6	4	36	0	5	52
Asphalt	132	14	0	0	0	146
Miscellaneous Products	210	0	363	0	0	573
Total Imports	**59,719**	**21,611**	**71,143**	**2,158**	**9,852**	**164,483**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 18. Imports of Crude Oil and Petroleum Products By PAD District, November 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**32,039**	**19,011**	**57,296**	**1,738**	**5,781**	**115,865**
Natural Gas Liquids	**729**	**5,056**	**2,145**	**622**	**627**	**9,180**
Natural Gasoline and Isopentane	0	0	978	0	0	978
Plant Condensate	149	0	0	52	0	201
Liquefied Petroleum Gases and Ethane	580	5,056	1,167	570	627	8,001
Ethane	(s)	1,256	0	0	0	1,256
Propane	367	2,259	0	328	120	3,074
Butane	214	933	6	242	507	1,902
Butane-Propane Mixtures	(s)	0	1,161	0	0	1,161
Ethane-Propane Mixtures	0	609	0	0	0	609
Other Liquids 1	**2,504**	**583**	**3,407**	**0**	**400**	**6,894**
Unfinished Oils 1	1,763	250	2,893	0	0	4,907
Motor Gasoline Blending Components	741	332	514	0	400	1,987
Finished Petroleum Products	**34,346**	**804**	**2,902**	**1**	**2,338**	**40,392**
Finished Motor Gasoline	4,975	2	(s)	0	1,363	6,340
Finished Leaded Motor Gasoline	2,740	0	(s)	0	1,102	3,841
Finished Unleaded Motor Gasoline	2,235	2	0	0	262	2,499
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	861	0	0	0	331	1,192
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	861	0	0	0	331	1,192
Kerosene	1,011	0	0	0	(s)	1,011
Distillate Fuel Oil	3,753	(s)	331	(s)	268	4,352
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,753	(s)	331	(s)	268	4,352
No. 4 fuel oil	0	0	0	0	0	0
Residual Fuel Oil	22,523	567	1,666	0	332	25,089
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	22,523	567	1,666	0	332	25,089
Naphtha < 400 Deg. for Petro. Feed. Use	87	119	369	0	22	597
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	286	98	433	1	16	834
Lubricants	717	6	28	0	1	751
Wax	6	3	18	0	5	32
Asphalt	125	9	57	0	0	192
Miscellaneous Products	1	0	0	0	0	1
Total Imports	**69,618**	**25,454**	**65,751**	**2,361**	**9,146**	**172,330**

[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1 2	**24,399**	**19,786**	**40,516**	**1,799**	**6,504**	**93,005**
Natural Gas Liquids	**558**	**6,273**	**0**	**657**	**673**	**8,160**
Natural Gasoline and Isopentane	1	0	0	0	0	1
Plant Condensate	68	0	0	85	0	153
Liquefied Petroleum Gases and Ethane	489	6,273	0	571	673	8,006
Ethane	0	1,558	0	0	0	1,558
Propane	304	862	0	368	98	1,632
Butane	186	1,222	0	203	575	2,185
Butane-Propane Mixtures	0	0	0	0	0	0
Ethane-Propane Mixtures	0	2,632	0	0	0	2,632
Other Liquids 1	**2,603**	**388**	**4,316**	**0**	**436**	**7,742**
Unfinished Oils 1	2,291	253	4,122	0	7	6,672
Motor Gasoline Blending Components	312	134	194	0	429	1,070
Finished Petroleum Products	**29,176**	**468**	**2,560**	**9**	**1,653**	**33,866**
Finished Motor Gasoline	4,597	6	(s)	0	920	5,523
Finished Leaded Motor Gasoline	3,291	4	(s)	0	663	3,957
Finished Unleaded Motor Gasoline	1,307	2	0	0	257	1,566
Finished Aviation Gasoline	(s)	0	0	0	0	(s)
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	225	0	0	0	0	225
Bonded Aircraft Fuel	0	0	0	0	0	0
Other	225	0	0	0	0	225
Kerosene	476	0	0	0	1	477
Distillate Fuel Oil	3,264	1	8	(s)	97	3,370
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
No. 2 fuel oil	3,261	1	8	(s)	97	3,367
No. 4 fuel oil	3	0	0	0	0	3
Residual Fuel Oil	20,299	305	1,926	9	618	23,157
Bonded ships bunkers	0	0	0	0	0	0
For military offshore use	0	0	0	0	0	0
Other	20,299	305	1,926	9	618	23,157
Naphtha < 400 Deg. for Petro. Feed. Use	2	26	0	0	1	28
Other Oils > 400 Deg. for Petro. Feed. Use	0	0	0	0	0	0
Special Naphthas	61	112	520	(s)	10	704
Lubricants	188	14	53	0	(s)	255
Wax	5	3	49	0	6	63
Asphalt	58	1	0	0	0	59
Miscellaneous Products	(s)	0	3	0	0	3
Total Imports	**56,735**	**26,915**	**47,392**	**2,465**	**9,266**	**142,772**

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[1] Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

[2] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60,"Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	6,233	209	0	0	0	0	0	0	1,431	0	0	1,640	7,873	254
Libya	4,706	0	271	0	0	0	0	0	0	0	0	271	4,977	161
Saudi Arabia	26,894	291	0	0	0	0	0	0	0	0	0	291	27,185	877
United Arab Emirates	2,265	0	240	533	95	0	0	0	0	0	312	1,181	3,446	111
Subtotal Arab OPEC	40,097	499	511	533	95	0	0	0	1,431	0	312	3,383	43,480	1,403
Other OPEC														
Ecuador	1,596	0	0	0	0	0	0	0	310	0	0	310	1,906	61
Gabon	2,059	0	0	0	0	0	0	0	0	0	0	0	2,059	66
Indonesia	7,692	530	0	0	278	0	0	83	390	0	0	1,280	8,972	289
Nigeria	19,951	0	0	0	0	0	0	1	590	0	0	591	20,541	663
Venezuela	2,374	0	811	0	0	0	0	0	8,475	0	0	9,286	11,660	376
Subtotal Other OPEC	33,671	530	811	0	278	0	0	83	9,765	0	0	11,467	45,137	1,456
Other														
Angola	2,153	0	0	0	0	0	0	0	0	0	0	0	2,153	69
Australia	0	43	0	0	0	0	0	0	0	0	0	43	43	1
Bahamas	0	0	935	0	0	0	0	151	703	0	0	1,788	1,788	58
Brazil	0	0	0	0	0	0	0	0	349	0	0	349	349	11
Brunei	0	0	0	0	47	0	0	38	59	0	0	143	143	5
Canada	6,042	8,038	49	506	252	1	0	252	508	75	166	9,846	15,888	513
Egypt	987	0	0	0	0	0	0	0	0	0	0	0	987	32
France	0	0	0	209	0	0	0	0	0	0	(s)	209	209	7
Malaysia	825	0	0	0	0	0	0	0	0	0	0	0	825	27
Mexico	11,020	496	0	0	(s)	0	0	38	1,626	0	5	2,165	13,185	425
Netherlands	0	0	0	0	297	0	0	0	210	0	0	507	507	16
Netherlands Antilles	0	0	387	0	0	119	0	235	4,793	0	0	5,534	5,534	179
Norway	2,742	0	0	0	0	0	0	(s)	0	0	0	(s)	2,742	88
Oman	447	0	0	0	0	0	0	0	0	0	0	0	447	14
People's Republic of China	0	0	0	0	505	0	0	0	0	0	0	505	505	16
Peru	1,018	0	0	0	0	0	0	0	239	0	0	239	1,257	41
Puerto Rico	0	0	626	0	547	101	0	348	0	0	302	1,924	1,924	62
Romania	0	0	0	0	236	0	0	0	0	0	0	236	236	8
Trinidad and Tobago	2,784	0	220	0	0	0	0	0	279	0	0	499	3,282	106
Tunisia	472	0	0	0	0	0	0	0	0	0	0	0	472	15
United Kingdom	10,262	116	341	0	0	0	0	0	0	0	(s)	458	10,720	346
Virgin Islands	0	0	1,105	0	1,659	98	710	1,835	4,946	0	0	10,353	10,353	334
Zaire	646	0	0	0	0	0	0	0	0	0	0	0	646	21
Other Western Hemisphere	129	0	63	0	0	0	0	0	414	0	0	477	606	20
Other Eastern Hemisphere	1,183	0	0	111	55	0	0	35	441	18	36	696	1,879	61
Subtotal Other	40,711	8,693	3,726	826	3,597	318	710	2,932	14,567	93	510	35,972	76,682	2,474
Total Imports	114,479	9,722	5,048	1,359	3,970	318	710	3,015	25,763	93	822	50,821	165,300	5,332

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil[1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products[2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	3,218	209	0	0	0	0	0	0	1,431	0	0	1,640	4,858	157
Saudi Arabia	8,663	291	0	0	0	0	0	0	0	0	0	291	8,953	289
United Arab Emirates	425	0	240	0	0	0	0	0	0	0	0	240	665	21
Subtotal Arab OPEC	12,305	499	240	0	0	0	0	0	1,431	0	0	2,171	14,476	467
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	310	0	0	310	310	10
Gabon	1,608	0	0	0	0	0	0	0	0	0	0	0	1,608	52
Indonesia	1,811	0	0	0	0	0	0	0	390	0	0	390	2,200	71
Nigeria	7,678	0	0	0	0	0	0	0	0	0	0	0	7,678	248
Venezuela	846	0	247	0	0	0	0	0	8,072	0	0	8,319	9,165	296
Subtotal Other OPEC	11,943	0	247	0	0	0	0	0	8,772	0	0	9,019	20,962	676
Other														
Angola	1,319	0	0	0	0	0	0	0	0	0	0	0	1,319	43
Bahamas	0	0	0	0	0	0	0	151	703	0	0	854	854	28
Brazil	0	0	0	0	0	0	0	0	349	0	0	349	349	11
Canada	(s)	379	(s)	0	250	1	0	252	344	7	8	1,241	1,242	40
France	0	0	0	209	0	0	0	0	0	0	(s)	209	209	7
Mexico	180	0	0	0	0	0	0	0	700	0	0	700	880	28
Netherlands	0	0	0	0	297	0	0	0	210	0	0	507	507	16
Netherlands Antilles	0	0	387	0	0	88	0	235	4,793	0	0	5,504	5,504	178
Norway	1,536	0	0	0	0	0	0	0	0	0	0	0	1,536	50
Oman	447	0	0	0	0	0	0	0	0	0	0	0	447	14
Peru	402	0	0	0	0	0	0	0	237	0	0	237	640	21
Puerto Rico	0	0	626	0	547	101	0	348	0	0	201	1,823	1,823	59
Trinidad and Tobago	487	0	0	0	0	0	0	0	279	0	0	279	766	25
United Kingdom	1,825	116	0	0	0	0	0	0	0	0	(s)	117	1,942	63
Virgin Islands	0	0	455	0	1,659	98	710	1,835	4,946	0	0	9,703	9,703	313
Other Western Hemisphere	0	0	0	0	0	0	0	0	414	0	0	414	414	13
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	284	5	(s)	288	288	9
Subtotal Other	6,197	495	1,468	209	2,753	287	710	2,822	13,259	11	210	22,225	28,423	917
Total Imports	30,446	995	1,956	209	2,753	287	710	2,822	23,462	11	210	33,415	63,861	2,060
							PAD District II							
Arab OPEC														
Algeria	961	0	0	0	0	0	0	0	0	0	0	0	961	31
Libya	1,909	0	271	0	0	0	0	0	0	0	0	271	2,180	70
Saudi Arabia	2,083	0	0	0	0	0	0	0	0	0	0	0	2,083	67
United Arab Emirates	98	0	0	0	0	0	0	0	0	0	0	0	98	3
Subtotal Arab OPEC	5,051	0	271	0	0	0	0	0	0	0	0	271	5,322	172
Other OPEC														
Gabon	449	0	0	0	0	0	0	0	0	0	0	0	449	14
Nigeria	2,853	0	0	0	0	0	0	0	0	0	0	0	2,853	92
Subtotal Other OPEC	3,302	0	0	0	0	0	0	0	0	0	0	0	3,302	107

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1982 (continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	PAD District II													
Other														
Canada	4,628	6,381	49	340	2	0	0	0	146	56	13	6,986	11,614	375
Egypt	451	0	0	0	0	0	0	0	0	0	0	0	451	15
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	903	0	0	0	0	0	0	0	0	0	0	0	903	29
Trinidad and Tobago	604	0	0	0	0	0	0	0	0	0	0	0	604	19
United Kingdom	1,756	0	0	0	0	0	0	0	0	0	0	0	1,756	57
Other Eastern Hemisphere	221	0	0	0	0	0	0	0	0	0	0	0	221	7
Subtotal Other	8,563	6,381	49	340	2	0	0	0	146	56	13	6,986	15,549	502
Total Imports	16,916	6,381	320	340	2	0	0	0	146	56	13	7,257	24,173	780
	PAD District III													
Arab OPEC														
Algeria	2,054	0	0	0	0	0	0	0	0	0	0	0	2,054	66
Libya	2,797	0	0	0	0	0	0	0	0	0	0	0	2,797	90
Saudi Arabia	16,149	0	0	0	0	0	0	0	0	0	0	0	16,149	521
United Arab Emirates	1,742	0	0	533	0	0	0	0	0	0	312	846	2,587	83
Subtotal Arab OPEC	22,741	0	0	533	0	0	0	0	0	0	312	846	23,587	761
Other OPEC														
Ecuador	1,065	0	0	0	0	0	0	0	0	0	0	0	1,065	34
Gabon	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Indonesia	552	530	0	0	0	0	0	0	0	0	0	530	1,081	35
Nigeria	9,419	0	0	0	0	0	0	1	590	0	0	591	10,010	323
Venezuela	1,528	0	564	0	0	0	0	0	403	0	0	967	2,495	80
Subtotal Other OPEC	12,565	530	564	0	0	0	0	1	993	0	0	2,087	14,652	473
Other														
Angola	834	0	0	0	0	0	0	0	0	0	0	0	834	27
Bahamas	0	0	935	0	0	0	0	0	0	0	0	935	935	30
Canada	0	1	0	0	0	0	0	0	0	0	0	1	1	(s)
Egypt	536	0	0	0	0	0	0	0	0	0	0	0	536	17
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	417	0	0	0	0	0	0	0	0	0	0	0	417	13
Mexico	9,937	496	0	0	(s)	0	0	21	825	0	5	1,348	11,285	364
Norway	1,205	0	0	0	0	0	0	(s)	0	0	0	(s)	1,206	39
Peru	616	0	0	0	0	0	0	0	0	0	0	0	616	20
Puerto Rico	0	0	0	0	0	0	0	0	0	0	100	100	100	3
Romania	0	0	0	0	236	0	0	0	0	0	0	236	236	8
Trinidad and Tobago	1,693	0	0	0	0	0	0	0	0	0	0	0	1,693	55
Tunisia	472	0	0	0	0	0	0	0	0	0	0	0	472	15
United Kingdom	6,681	0	341	0	0	0	0	0	0	0	0	341	7,022	227
Virgin Islands	0	0	650	0	0	0	0	0	0	0	0	650	650	21
Zaire	646	0	0	0	0	0	0	0	0	0	0	0	646	21
Other Western Hemisphere	129	0	63	0	0	0	0	0	0	0	0	63	192	6
Other Eastern Hemisphere	962	0	0	0	0	0	0	0	0	14	0	14	976	31
Subtotal Other	24,128	498	1,989	0	236	0	0	21	825	14	106	3,688	27,817	897

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, January 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Total Imports	59,434	1,027	2,553	533	236	0	0	21	1,818	14	418	6,621	66,055	2,131
							PAD District IV							
Other														
Canada	852	519	0	27	0	0	0	(s)	0	0	129	676	1,528	49
Subtotal Other	852	519	0	27	0	0	0	(s)	0	0	129	676	1,528	49
Total Imports	852	519	0	27	0	0	0	(s)	0	0	129	676	1,528	49
							PAD District V							
Arab OPEC														
United Arab Emirates	0	0	0	0	95	0	0	0	0	0	0	95	95	3
Subtotal Arab OPEC	0	0	0	0	95	0	0	0	0	0	0	95	95	3
Other OPEC														
Ecuador	531	0	0	0	0	0	0	0	0	0	0	0	531	17
Indonesia	5,330	0	0	0	278	0	0	83	0	0	0	361	5,690	184
Subtotal Other OPEC	5,860	0	0	0	278	0	0	83	0	0	0	361	6,221	201
Other														
Australia	0	43	0	0	0	0	0	0	0	0	0	43	43	1
Brunei	0	0	0	0	47	0	0	38	59	0	0	143	143	5
Canada	561	758	0	139	0	0	0	(s)	17	12	15	941	1,502	48
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	408	0	0	0	0	0	0	0	0	0	0	0	408	13
Mexico	0	0	0	0	0	0	0	17	100	0	0	117	117	4
Netherlands Antilles	0	0	0	0	0	31	0	0	0	0	0	31	31	1
People's Republic of China	0	0	0	0	505	0	0	0	0	0	0	505	505	16
Peru	0	0	0	0	0	0	0	0	2	0	0	2	2	(s)
Trinidad and Tobago	0	0	220	0	0	0	0	0	0	0	0	220	220	7
Other Eastern Hemisphere	0	0	0	111	55	0	0	35	157	0	36	394	394	13
Subtotal Other	970	800	220	251	606	31	0	89	336	12	51	2,396	3,366	109
Total Imports	6,830	800	220	251	979	31	0	172	336	12	51	2,852	9,682	312

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[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1982
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							All PAD Districts							
Arab OPEC														
Algeria	2,128	0	0	0	0	0	0	0	1,755	0	0	1,755	3,883	139
Iraq	974	0	0	0	0	0	0	0	0	0	0	0	974	35
Libya	2,584	0	0	0	0	0	0	0	0	0	0	0	2,584	92
Qatar	184	0	0	0	0	0	0	0	0	0	0	0	184	7
Saudi Arabia	19,187	206	0	0	0	0	0	0	0	0	(s)	206	19,393	693
United Arab Emirates	2,222	0	258	0	0	0	0	0	0	0	0	258	2,480	89
Subtotal Arab OPEC	27,280	206	258	0	0	0	0	0	1,755	0	(s)	2,219	29,499	1,054
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	434	0	0	434	434	15
Gabon	1,254	0	0	0	0	0	0	0	0	0	0	0	1,254	45
Indonesia	4,650	487	0	0	113	0	0	526	1,050	0	0	2,176	6,826	244
Nigeria	16,358	0	0	0	0	0	0	0	0	0	0	0	16,358	584
Venezuela	2,479	0	362	0	0	393	0	474	6,182	0	57	7,468	9,948	355
Subtotal Other OPEC	24,741	487	362	0	113	393	0	1,000	7,666	0	57	10,078	34,819	1,244
Other														
Angola	1,126	0	0	0	0	0	0	0	0	0	0	0	1,126	40
Australia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Bahamas	0	0	705	0	0	242	0	0	917	0	0	1,864	1,864	67
Brazil	380	0	0	0	0	0	0	0	1,319	0	7	1,326	1,707	61
Brunei	0	0	0	0	0	0	0	12	28	0	0	40	40	1
Canada	5,401	6,897	50	596	105	0	0	552	1,188	55	180	9,622	15,023	537
Congo	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Egypt	2,995	0	0	0	0	0	0	0	0	0	0	0	2,995	107
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	146	0	0	146	146	5
Malaysia	474	0	0	0	0	0	0	0	0	0	0	0	474	17
Mexico	10,715	480	0	0	(s)	0	(s)	55	2,080	0	10	2,625	13,340	476
Netherlands	0	65	0	55	0	199	0	0	0	8	(s)	326	326	12
Netherlands Antilles	0	0	490	0	256	330	0	0	5,098	0	0	6,174	6,174	221
Norway	573	0	0	0	0	0	0	0	0	0	0	0	573	20
People's Republic of China	0	0	0	166	405	0	0	0	0	0	0	572	572	20
Peru	391	0	0	0	0	0	0	0	313	0	0	313	704	25
Puerto Rico	0	0	203	0	271	0	0	225	0	0	362	1,061	1,061	38
Romania	0	0	0	0	225	0	0	0	0	0	0	225	225	8
Trinidad and Tobago	2,805	0	0	0	0	147	0	0	376	14	15	552	3,357	120
Tunisia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
United Kingdom	4,407	(s)	663	0	0	0	0	0	0	0	(s)	663	5,070	181
Virgin Islands	0	0	1,434	0	1,233	437	218	1,855	4,894	75	0	10,147	10,147	362
Zaire	825	0	0	0	0	0	0	0	0	0	0	0	825	29
Other Western Hemisphere	135	0	63	62	0	0	0	0	957	37	0	1,118	1,254	45
Other Eastern Hemisphere	1,456	(s)	155	329	1,121	0	0	0	40	50	112	1,808	3,264	117
Subtotal Other	31,688	7,442	3,761	1,207	3,616	1,355	218	2,700	17,356	239	688	38,583	70,271	2,510
Total Imports	83,708	8,135	4,382	1,207	3,729	1,749	218	3,699	26,776	239	745	50,880	134,588	4,807

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1,310	0	0	0	0	0	0	0	1,755	0	0	1,755	3,065	109
Iraq	80	0	0	0	0	0	0	0	0	0	0	0	80	3
Libya	472	0	0	0	0	0	0	0	0	0	0	0	472	17
Saudi Arabia	5,403	206	0	0	0	0	0	0	0	0	(s)	206	5,609	200
United Arab Emirates	180	0	258	0	0	0	0	0	0	0	0	258	438	16
Subtotal Arab OPEC	7,445	206	258	0	0	0	0	0	1,755	0	(s)	2,219	9,664	345
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	434	0	0	434	434	15
Gabon	285	0	0	0	0	0	0	0	0	0	0	0	285	10
Indonesia	1,569	0	0	0	0	0	0	0	408	0	0	408	1,977	71
Nigeria	8,536	0	0	0	0	0	0	0	0	0	0	0	8,536	305
Venezuela	1,640	0	273	0	0	393	0	474	5,321	0	57	6,519	8,159	291
Subtotal Other OPEC	12,031	0	273	0	0	393	0	474	6,163	0	57	7,360	19,391	693
Other														
Angola	440	0	0	0	0	0	0	0	0	0	0	0	440	16
Australia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Bahamas	0	0	0	0	0	217	0	0	917	0	0	1,134	1,134	41
Brazil	380	0	0	0	0	0	0	0	1,319	0	0	1,319	1,699	61
Canada	(s)	311	1	0	104	0	0	551	395	10	11	1,383	1,383	49
Congo	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Egypt	434	0	0	0	0	0	0	0	0	0	0	0	434	15
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	146	0	0	146	146	5
Mexico	2,135	0	0	0	0	0	0	0	594	0	0	594	2,728	97
Netherlands	0	65	0	0	0	199	0	0	0	0	(s)	263	263	9
Netherlands Antilles	0	0	246	0	256	330	0	0	4,788	0	0	5,620	5,620	201
Norway	573	0	0	0	0	0	0	0	0	0	0	0	573	20
Peru	391	0	0	0	0	0	0	0	311	0	0	311	702	25
Puerto Rico	0	0	203	0	271	0	0	225	0	0	272	971	971	35
Trinidad and Tobago	464	0	0	0	0	147	0	0	376	14	0	537	1,001	36
Tunisia	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
United Kingdom	1,288	(s)	0	0	0	0	0	0	0	0	(s)	(s)	1,288	46
Virgin Islands	0	0	0	0	1,233	437	218	1,855	4,859	0	0	8,602	8,602	307
Zaire	825	0	0	0	0	0	0	0	0	0	0	0	825	29
Other Western Hemisphere	0	0	0	0	0	0	0	0	957	0	0	957	957	34
Other Eastern Hemisphere	0	(s)	0	190	1,089	0	0	0	0	0	12	1,292	1,292	46
Subtotal Other	6,933	375	450	190	2,954	1,330	218	2,631	14,661	24	296	23,130	30,064	1,074
Total Imports	26,409	581	982	190	2,954	1,723	218	3,105	22,579	24	353	32,710	59,119	2,111
							PAD District II							
Arab OPEC														
Algeria	818	0	0	0	0	0	0	0	0	0	0	0	818	29
Iraq	894	0	0	0	0	0	0	0	0	0	0	0	894	32
Libya	1,121	0	0	0	0	0	0	0	0	0	0	0	1,121	40
Qatar	184	0	0	0	0	0	0	0	0	0	0	0	184	7

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Arab OPEC														
Saudi Arabia	1,324	0	0	0	0	0	0	0	0	0	0	0	1,324	47
United Arab Emirates	580	0	0	0	0	0	0	0	0	0	0	0	580	21
Subtotal Arab OPEC	4,922	0	0	0	0	0	0	0	0	0	0	0	4,922	176
Other OPEC														
Nigeria	1,630	0	0	0	0	0	0	0	0	0	0	0	1,630	58
Subtotal Other OPEC	1,630	0	0	0	0	0	0	0	0	0	0	0	1,630	58
Other														
Canada	4,235	5,497	48	391	(s)	0	0	0	754	32	11	6,734	10,969	392
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	944	0	0	0	0	0	0	0	0	0	0	0	944	34
Trinidad and Tobago	479	0	0	0	0	0	0	0	0	0	0	0	479	17
United Kingdom	2,353	0	0	0	0	0	0	0	0	0	(s)	(s)	2,353	84
Other Eastern Hemisphere	1,456	0	155	0	0	0	0	0	0	0	0	155	1,611	58
Subtotal Other	9,468	5,497	203	391	(s)	0	0	0	754	32	11	6,889	16,357	584
Total Imports	16,019	5,497	203	391	(s)	0	0	0	754	32	11	6,889	22,909	818
							PAD District III							
Arab OPEC														
Libya	992	0	0	0	0	0	0	0	0	0	0	0	992	35
Saudi Arabia	12,459	0	0	0	0	0	0	0	0	0	0	0	12,459	445
United Arab Emirates	1,462	0	0	0	0	0	0	0	0	0	0	0	1,462	52
Subtotal Arab OPEC	14,913	0	0	0	0	0	0	0	0	0	0	0	14,913	533
Other OPEC														
Gabon	968	0	0	0	0	0	0	0	0	0	0	0	968	35
Indonesia	282	487	0	0	0	0	0	487	0	0	0	974	1,255	45
Nigeria	6,192	0	0	0	0	0	0	0	0	0	0	0	6,192	221
Venezuela	839	0	89	0	0	0	0	0	860	0	0	950	1,789	64
Subtotal Other OPEC	8,281	487	89	0	0	0	0	487	860	0	0	1,923	10,205	364
Other														
Angola	686	0	0	0	0	0	0	0	0	0	0	0	686	25
Bahamas	0	0	705	0	0	0	0	0	0	0	0	705	705	25
Brazil	0	0	0	0	0	0	0	0	0	0	7	7	7	(s)
Canada	0	0	0	84	0	0	0	0	0	0	0	84	84	3
Egypt	2,562	0	0	0	0	0	0	0	0	0	0	0	2,562	91
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	23	0	0	0	0	0	0	0	0	0	0	0	23	1
Mexico	7,637	480	0	0	(s)	0	0	29	1,070	0	8	1,587	9,224	329
Netherlands	0	0	0	55	0	0	0	0	0	8	0	63	63	2
Netherlands Antilles	0	0	244	0	0	0	0	0	310	0	0	554	554	20
Puerto Rico	0	0	0	0	0	0	0	0	0	0	90	90	90	3
Romania	0	0	0	0	225	0	0	0	0	0	0	225	225	8
Trinidad and Tobago	1,861	0	0	0	0	0	0	0	0	0	15	15	1,876	67
United Kingdom	766	0	663	0	0	0	0	0	0	0	0	663	1,428	51
Virgin Islands	0	0	1,434	0	0	0	0	0	35	75	0	1,544	1,544	55

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, February 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Other Western Hemisphere	135	0	63	62	0	0	0	0	0	37	0	162	297	11
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	50	100	150	150	5
Subtotal Other	13,670	480	3,108	200	225	0	0	29	1,415	170	220	5,848	19,517	697
Total Imports	36,864	967	3,197	200	225	0	0	516	2,276	170	220	7,771	44,635	1,594
							PAD District IV							
Other														
Canada	636	661	0	49	0	0	0	(s)	0	0	108	819	1,455	52
Subtotal Other	636	661	0	49	0	0	0	(s)	0	0	108	819	1,455	52
Total Imports	636	661	0	49	0	0	0	(s)	0	0	108	819	1,455	52
							PAD District V							
Other OPEC														
Indonesia	2,799	0	0	0	113	0	0	39	643	0	0	794	3,593	128
Subtotal Other OPEC	2,799	0	0	0	113	0	0	39	643	0	0	794	3,593	128
Other														
Bahamas	0	0	0	0	0	26	0	0	0	0	0	26	26	1
Brunei	0	0	0	0	0	0	0	12	28	0	0	40	40	1
Canada	529	428	0	72	0	0	0	(s)	39	14	51	603	1,132	40
Malaysia	452	0	0	0	0	0	0	0	0	0	0	0	452	16
Mexico	0	0	0	0	(s)	0	(s)	26	416	0	2	444	444	16
People's Republic of China	0	0	0	166	405	0	0	0	0	0	0	572	572	20
Peru	0	0	0	0	0	0	0	0	2	0	0	2	2	(s)
Virgin Islands	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Other Eastern Hemisphere	0	0	0	139	32	0	0	0	40	0	(s)	211	211	8
Subtotal Other	981	428	0	377	437	26	(s)	39	525	14	53	1,897	2,878	103
Total Imports	3,780	428	0	377	550	26	(s)	78	1,167	14	53	2,691	6,471	231

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[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	468	0	0	0	0	0	0	0	2,133	222	0	2,354	2,822	91
Libya	1,162	0	0	0	0	0	0	0	0	0	0	0	1,162	37
Qatar	658	0	0	0	0	0	0	0	0	0	0	0	658	21
Saudi Arabia	16,961	0	0	251	0	0	0	0	0	0	0	251	17,212	555
United Arab Emirates	4,491	0	0	328	0	0	0	0	0	0	0	328	4,820	155
Subtotal Arab OPEC	23,740	0	0	579	0	0	0	0	2,133	222	0	2,933	26,673	860
Other OPEC														
Ecuador	1,339	0	0	0	0	0	0	0	219	0	0	219	1,559	50
Gabon	616	0	0	0	0	0	0	0	0	0	0	0	616	20
Indonesia	5,343	0	0	0	246	0	0	69	543	0	0	858	6,201	200
Nigeria	16,167	0	0	0	0	0	0	0	0	0	0	0	16,167	522
Venezuela	3,488	124	209	0	255	0	0	0	8,290	0	0	8,878	12,366	399
Subtotal Other OPEC	26,953	124	209	0	501	0	0	69	9,052	0	0	9,956	36,908	1,191
Other														
Angola	615	0	0	0	0	0	0	0	0	0	0	0	615	20
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	662	0	0	0	0	150	507	0	0	1,319	1,319	43
Brazil	350	0	0	0	0	0	0	0	413	15	0	428	778	25
Brunei	0	0	0	0	76	0	0	4	77	0	0	157	157	5
Canada	5,211	6,286	53	538	2	(s)	(s)	20	955	253	228	8,335	13,546	437
Congo	0	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)
Egypt	1,412	0	0	0	0	0	0	0	0	0	0	0	1,412	46
France	0	0	0	0	0	0	0	0	0	0	1	1	1	(s)
Ghana	0	0	0	0	0	0	0	0	135	0	0	135	135	4
Malaysia	1,415	0	0	0	0	0	0	0	0	0	0	0	1,415	46
Mexico	14,725	425	0	0	(s)	0	0	104	335	(s)	2	867	15,592	503
Netherlands	1	(s)	0	0	884	0	0	0	248	31	0	1,164	1,165	38
Netherlands Antilles	0	0	427	0	0	424	0	0	5,010	0	0	5,861	5,861	189
Norway	2,493	0	0	0	0	0	0	0	0	0	0	0	2,493	80
People's Republic of China	0	0	0	0	487	0	0	0	0	168	0	655	655	21
Peru	362	0	0	0	0	0	0	0	480	0	0	480	842	27
Puerto Rico	0	0	436	0	1,240	0	0	105	0	0	156	1,937	1,937	62
Romania	0	0	0	13	0	0	0	0	0	0	0	13	13	(s)
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Syria	0	0	0	0	195	0	0	0	0	0	0	195	195	6
Trinidad and Tobago	2,804	0	0	0	0	0	0	0	855	0	0	855	3,658	118
Tunisia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
United Kingdom	8,129	(s)	925	0	0	0	0	0	0	39	18	983	9,112	294
Virgin Islands	0	0	438	0	1,473	776	49	1,019	5,701	70	0	9,526	9,526	307
Other Western Hemisphere	0	78	67	0	0	0	0	0	1,089	102	0	1,335	1,335	43
Other Eastern Hemisphere	895	(s)	397	0	823	0	0	29	1,291	230	(s)	2,769	3,664	118
Subtotal Other	38,412	6,789	3,404	551	5,179	1,200	49	1,432	17,095	909	406	37,015	75,427	2,433
Total Imports	89,104	6,913	3,614	1,130	5,680	1,200	49	1,501	28,281	1,130	406	49,905	139,009	4,484

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	467	0	0	0	0	0	0	0	2,133	222	0	2,354	2,821	91
Libya	644	0	0	0	0	0	0	0	0	0	0	0	644	21
Qatar	22	0	0	0	0	0	0	0	0	0	0	0	22	1
Saudi Arabia	4,912	0	0	251	0	0	0	0	0	0	0	251	5,162	167
United Arab Emirates	0	0	0	328	0	0	0	0	0	0	0	328	328	11
Subtotal Arab OPEC	6,044	0	0	579	0	0	0	0	2,133	222	0	2,933	8,977	290
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	219	0	0	219	219	7
Gabon	616	0	0	0	0	0	0	0	0	0	0	0	616	20
Indonesia	1,918	0	0	0	0	0	0	0	0	0	0	0	1,918	62
Nigeria	10,200	0	0	0	0	0	0	0	0	0	0	0	10,200	329
Venezuela	1,685	124	0	0	255	0	0	0	6,879	0	0	7,258	8,944	289
Subtotal Other OPEC	14,418	124	0	0	255	0	0	0	7,098	0	0	7,478	21,896	706
Other														
Angola	446	0	0	0	0	0	0	0	0	0	0	0	446	14
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	421	0	0	0	0	0	507	0	0	927	927	30
Brazil	350	0	0	0	0	0	0	0	413	0	0	413	763	25
Canada	0	213	1	0	0	(s)	(s)	16	319	149	12	712	712	23
Egypt	260	0	0	0	0	0	0	0	0	0	0	0	260	8
France	0	0	0	0	0	0	0	0	0	0	1	1	1	(s)
Ghana	0	0	0	0	0	0	0	0	133	0	0	133	133	4
Mexico	2,908	0	0	0	0	0	0	0	0	0	0	0	2,908	94
Netherlands	1	0	0	0	884	0	0	0	248	0	0	1,133	1,134	37
Netherlands Antilles	0	0	426	0	0	424	0	0	4,781	0	0	5,632	5,632	182
Norway	1,002	0	0	0	0	0	0	0	0	0	0	0	1,002	32
Peru	362	0	0	0	0	0	0	0	242	0	0	242	604	19
Puerto Rico	0	0	436	0	1,013	0	0	105	0	0	122	1,677	1,677	54
Romania	0	0	0	13	0	0	0	0	0	0	0	13	13	(s)
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Syria	0	0	0	0	195	0	0	0	0	0	0	195	195	6
Trinidad and Tobago	503	0	0	0	0	0	0	0	256	0	0	256	758	24
United Kingdom	2,994	(s)	1	0	0	0	0	0	0	0	18	20	3,013	97
Virgin Islands	0	0	266	0	1,473	776	49	1,019	5,701	0	0	9,284	9,284	299
Other Western Hemisphere	0	78	0	0	0	0	0	0	1,089	0	0	1,166	1,166	38
Other Eastern Hemisphere	0	(s)	0	0	815	0	0	0	1,224	(s)	(s)	2,039	2,039	66
Subtotal Other	8,825	291	1,552	13	4,381	1,200	49	1,141	14,912	150	153	23,841	32,666	1,054
Total Imports	29,287	415	1,552	592	4,636	1,200	49	1,141	24,143	371	153	34,252	63,539	2,050
							PAD District II							
Arab OPEC														
Qatar	636	0	0	0	0	0	0	0	0	0	0	0	636	21
Saudi Arabia	2,756	0	0	0	0	0	0	0	0	0	0	0	2,756	89
United Arab Emirates	484	0	0	0	0	0	0	0	0	0	0	0	484	16
Subtotal Arab OPEC	3,875	0	0	0	0	0	0	0	0	0	0	0	3,875	125

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District II													
Other OPEC														
Nigeria	1,031	0	0	0	0	0	0	0	0	0	0	0	1,031	33
Subtotal Other OPEC	1,031	0	0	0	0	0	0	0	0	0	0	0	1,031	33
Other														
Canada	4,153	5,168	51	431	2	0	0	0	614	89	26	6,382	10,535	340
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,731	0	0	0	0	0	0	0	0	0	0	0	1,731	56
Norway	500	0	0	0	0	0	0	0	0	0	0	0	500	16
United Kingdom	2,239	0	0	0	0	0	0	0	0	0	(s)	(s)	2,239	72
Other Eastern Hemisphere	449	0	0	0	0	0	0	0	0	0	0	0	449	14
Subtotal Other	9,072	5,168	51	431	2	0	0	0	614	89	26	6,382	15,454	499
Total Imports	13,979	5,168	51	431	2	0	0	0	614	89	26	6,382	20,361	657
	PAD District III													
Arab OPEC														
Algeria	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Libya	518	0	0	0	0	0	0	0	0	0	0	0	518	17
Saudi Arabia	9,294	0	0	0	0	0	0	0	0	0	0	0	9,294	300
United Arab Emirates	3,658	0	0	0	0	0	0	0	0	0	0	0	3,658	118
Subtotal Arab OPEC	13,471	0	0	0	0	0	0	0	0	0	0	0	13,471	435
Other OPEC														
Ecuador	1,070	0	0	0	0	0	0	0	0	0	0	0	1,070	35
Nigeria	4,936	0	0	0	0	0	0	0	0	0	0	0	4,936	159
Venezuela	1,803	0	0	0	0	0	0	0	1,411	0	0	1,411	3,213	104
Subtotal Other OPEC	7,808	0	0	0	0	0	0	0	1,411	0	0	1,411	9,219	297
Other														
Angola	168	0	0	0	0	0	0	0	0	0	0	0	168	5
Bahamas	0	0	242	0	0	0	0	150	0	0	0	392	392	13
Brazil	0	0	0	0	0	0	0	0	0	15	0	15	15	(s)
Canada	0	0	0	54	0	0	0	0	0	0	0	54	54	2
Congo	0	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)
Egypt	1,153	0	0	0	0	0	0	0	0	0	0	0	1,153	37
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	2	0	0	2	2	(s)
Malaysia	794	0	0	0	0	0	0	0	0	0	0	0	794	26
Mexico	10,086	425	0	0	(s)	0	0	50	335	(s)	2	812	10,898	352
Netherlands	0	0	0	0	0	0	0	0	0	31	0	31	31	1
Netherlands Antilles	0	0	(s)	0	0	0	0	0	229	0	0	229	229	7
Norway	991	0	0	0	0	0	0	0	0	0	0	0	991	32
Peru	0	0	0	0	0	0	0	0	239	0	0	239	239	8
Puerto Rico	0	0	0	0	0	0	0	0	0	0	34	34	34	1
Trinidad and Tobago	2,301	0	0	0	0	0	0	0	599	0	0	599	2,900	94
Tunisia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
United Kingdom	2,897	0	924	0	0	0	0	0	0	39	0	963	3,860	125
Virgin Islands	0	0	173	0	0	0	0	0	0	70	0	242	242	8

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, March 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Other Western Hemisphere	0	0	67	0	0	0	0	0	0	102	0	169	169	5
Other Eastern Hemisphere	446	0	397	0	0	0	0	0	1	35	0	432	878	28
Subtotal Other	18,836	425	1,802	54	(s)	0	0	200	1,405	293	36	4,214	23,050	744
Total Imports	40,115	425	1,802	54	(s)	0	0	200	2,816	293	36	5,625	45,740	1,475
							PAD District IV							
Other														
Canada	628	451	0	53	0	0	0	(s)	0	0	143	648	1,276	41
Subtotal Other	628	451	0	53	0	0	0	(s)	0	0	143	648	1,276	41
Total Imports	628	451	0	53	0	0	0	(s)	0	0	143	648	1,276	41
							PAD District V							
Arab OPEC														
United Arab Emirates	350	0	0	0	0	0	0	0	0	0	0	0	350	11
Subtotal Arab OPEC	350	0	0	0	0	0	0	0	0	0	0	0	350	11
Other OPEC														
Ecuador	270	0	0	0	0	0	0	0	0	0	0	0	270	9
Indonesia	3,425	0	0	0	246	0	0	69	543	0	0	858	4,283	138
Venezuela	0	0	209	0	0	0	0	0	0	0	0	209	209	7
Subtotal Other OPEC	3,695	0	209	0	246	0	0	69	543	0	0	1,067	4,762	154
Other														
Brunei	0	0	0	0	76	0	0	4	77	0	0	157	157	5
Canada	430	454	0	0	0	0	0	3	22	14	48	540	970	31
Malaysia	621	0	0	0	0	0	0	0	0	0	0	0	621	20
Mexico	0	0	0	0	(s)	0	0	54	0	0	1	55	55	2
Netherlands	0	(s)	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
People's Republic of China	0	0	0	0	487	0	0	0	0	168	0	655	655	21
Puerto Rico	0	0	0	0	226	0	0	0	0	0	0	226	226	7
Other Eastern Hemisphere	0	0	0	0	7	0	0	29	66	195	(s)	298	298	10
Subtotal Other	1,051	454	0	0	796	0	0	91	164	377	48	1,931	2,982	96
Total Imports	5,095	454	209	0	1,042	0	0	160	708	377	48	2,998	8,094	261

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	2	0	0	489	0	0	0	0	2,047	0	0	2,537	2,539	85
Qatar	650	0	0	0	0	0	0	0	0	0	0	0	650	22
Saudi Arabia	15,109	0	235	0	0	0	0	0	0	0	0	235	15,344	511
United Arab Emirates	3,654	0	0	0	0	0	0	0	0	0	0	0	3,654	122
Subtotal Arab OPEC	19,416	0	235	489	0	0	0	0	2,047	0	0	2,772	22,188	740
Other OPEC														
Ecuador	650	0	0	0	0	0	0	0	505	0	0	505	1,155	38
Gabon	756	0	0	0	0	0	0	0	0	0	0	0	756	25
Indonesia	6,127	0	0	0	164	0	0	70	84	0	0	317	6,444	215
Nigeria	12,825	0	0	0	0	0	0	0	0	0	0	0	12,825	427
Venezuela	4,199	0	513	193	0	217	500	(s)	6,921	120	113	8,578	12,777	426
Subtotal Other OPEC	24,556	0	513	193	164	217	500	70	7,510	120	113	9,400	33,957	1,132
Other														
Angola	466	0	0	0	0	0	0	0	0	0	0	0	466	16
Australia	0	38	0	0	0	0	0	0	253	0	(s)	291	291	10
Bahamas	0	0	1,141	0	0	0	0	94	1,223	0	0	2,459	2,459	82
Brazil	770	0	0	0	111	0	0	0	366	0	0	477	1,247	42
Brunei	0	0	0	0	61	0	0	39	25	0	0	125	125	4
Canada	5,334	4,468	53	44	2	98	0	52	381	152	209	5,459	10,793	360
Congo	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Egypt	1,764	0	0	315	0	0	0	0	0	0	(s)	315	2,079	69
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	548	0	0	0	0	0	0	0	0	0	0	0	548	18
Mexico	12,758	1,125	0	0	(s)	0	2	48	343	0	4	1,523	14,281	476
Netherlands	1	0	0	74	840	0	0	0	(s)	21	(s)	934	936	31
Netherlands Antilles	0	0	388	0	0	131	0	0	4,999	0	0	5,518	5,518	184
Norway	1,780	0	0	0	0	0	0	0	0	0	0	0	1,780	59
Oman	2,550	0	0	0	0	0	0	0	0	0	0	0	2,550	85
People's Republic of China	0	0	174	0	869	0	0	0	0	160	0	1,203	1,203	40
Peru	767	0	0	0	0	0	0	34	284	0	0	318	1,085	36
Puerto Rico	0	0	296	0	273	230	0	0	0	0	288	1,088	1,088	36
Romania	0	0	0	0	498	0	0	0	0	0	0	498	498	17
Trinidad and Tobago	4,012	0	152	0	0	0	0	0	792	0	30	973	4,985	166
Tunisia	976	0	0	0	0	0	0	0	0	0	0	0	976	33
United Kingdom	6,965	(s)	0	0	436	0	0	0	0	0	(s)	437	7,402	247
Virgin Islands	0	0	1,303	18	1,255	567	0	1,383	3,382	68	0	7,975	7,975	266
Yugoslavia	4	0	0	0	0	0	0	0	0	0	0	0	4	(s)
Zaire	847	0	0	0	0	0	0	0	0	0	0	0	847	28
Other Western Hemisphere	272	0	0	13	276	0	0	0	711	19	(s)	1,018	1,290	43
Other Eastern Hemisphere	1,682	(s)	264	264	766	182	0	60	1,332	45	180	3,091	4,774	159
Subtotal Other	41,495	5,631	3,772	728	5,387	1,206	2	1,710	14,090	464	712	33,701	75,196	2,507
Total Imports	85,467	5,631	4,520	1,410	5,551	1,424	502	1,780	23,647	584	825	45,873	131,341	4,378

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1	0	0	489	0	0	0	0	2,038	0	0	2,528	2,529	84
Saudi Arabia	6,111	0	235	0	0	0	0	0	0	0	0	235	6,346	212
Subtotal Arab OPEC	6,112	0	235	489	0	0	0	0	2,038	0	0	2,763	8,875	296
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	505	0	0	505	505	17
Gabon	554	0	0	0	0	0	0	0	0	0	0	0	554	18
Indonesia	2,391	0	0	0	0	0	0	0	0	0	0	0	2,391	80
Nigeria	6,256	0	0	0	0	0	0	0	0	0	0	0	6,256	209
Venezuela	2,943	0	271	193	0	217	500	0	5,107	0	113	6,401	9,345	311
Subtotal Other OPEC	12,144	0	271	193	0	217	500	0	5,612	0	113	6,906	19,051	635
Other														
Angola	466	0	0	0	0	0	0	0	0	0	0	0	466	16
Australia	0	0	0	0	0	0	0	0	253	0	(s)	253	253	8
Bahamas	0	0	0	0	0	0	0	94	1,223	0	0	1,317	1,317	44
Brazil	770	0	0	0	111	0	0	0	366	0	0	477	1,247	42
Canada	0	210	1	(s)	0	98	0	11	332	18	146	815	815	27
Egypt	0	0	0	315	0	0	0	0	0	0	(s)	315	315	10
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,581	0	0	0	0	0	0	0	0	0	1	1	1,581	53
Netherlands	1	0	0	0	840	0	0	0	(s)	0	(s)	840	841	28
Netherlands Antilles	0	0	388	0	0	131	0	0	4,521	0	0	5,040	5,040	168
Norway	1,392	0	0	0	0	0	0	0	0	0	0	0	1,392	46
Peru	406	0	0	0	0	0	0	0	0	0	0	0	406	14
Puerto Rico	0	0	296	0	273	230	0	0	0	0	203	1,003	1,003	33
Romania	0	0	0	0	498	0	0	0	0	0	0	498	498	17
Trinidad and Tobago	467	0	0	0	0	0	0	0	465	0	0	465	932	31
United Kingdom	3,469	(s)	0	0	436	0	0	0	0	0	(s)	437	3,905	130
Virgin Islands	0	0	615	0	1,255	567	0	1,383	3,382	0	0	7,202	7,202	240
Yugoslavia	4	0	0	0	0	0	0	0	0	0	0	0	4	(s)
Zaire	353	0	0	0	0	0	0	0	0	0	0	0	353	12
Other Western Hemisphere	0	0	0	0	276	0	0	0	711	0	0	987	987	33
Other Eastern Hemisphere	0	(s)	0	264	504	182	0	0	777	(s)	(s)	1,728	1,728	58
Subtotal Other	8,908	210	1,301	579	4,193	1,206	0	1,488	12,031	18	350	21,377	30,285	1,009
Total Imports	27,164	210	1,807	1,262	4,193	1,424	500	1,488	19,681	18	463	31,046	58,210	1,940
							PAD District II							
Arab OPEC														
Saudi Arabia	580	0	0	0	0	0	0	0	0	0	0	0	580	19
Subtotal Arab OPEC	580	0	0	0	0	0	0	0	0	0	0	0	580	19
Other OPEC														
Ecuador	381	0	0	0	0	0	0	0	0	0	0	0	381	13
Nigeria	1,119	0	0	0	0	0	0	0	0	0	0	0	1,119	37
Venezuela	0	0	0	0	0	0	0	0	203	0	0	203	203	7
Subtotal Other OPEC	1,501	0	0	0	0	0	0	0	203	0	0	203	1,703	57

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other														
Canada	4,131	3,530	52	44	2	0	0	1	48	77	26	3,780	7,911	264
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	1,831	0	0	0	0	0	0	0	0	0	0	0	1,831	61
Peru	361	0	0	0	0	0	0	0	0	0	0	0	361	12
United Kingdom	884	0	0	0	0	0	0	0	0	0	0	0	884	29
Virgin Islands	0	0	293	0	0	0	0	0	0	0	0	293	293	10
Other Eastern Hemisphere	978	0	0	0	0	0	0	0	0	0	0	0	978	33
Subtotal Other	8,185	3,530	345	44	2	0	0	1	48	77	26	4,073	12,258	409
Total Imports	10,265	3,530	345	44	2	0	0	1	250	77	26	4,276	14,541	485
							PAD District III							
Arab OPEC														
Algeria	1	0	0	0	0	0	0	0	9	0	0	9	10	(s)
Qatar	650	0	0	0	0	0	0	0	0	0	0	0	650	22
Saudi Arabia	8,419	0	0	0	0	0	0	0	0	0	0	0	8,419	281
United Arab Emirates	3,654	0	0	0	0	0	0	0	0	0	0	0	3,654	122
Subtotal Arab OPEC	12,725	0	0	0	0	0	0	0	9	0	0	9	12,734	424
Other OPEC														
Ecuador	268	0	0	0	0	0	0	0	0	0	0	0	268	9
Gabon	202	0	0	0	0	0	0	0	0	0	0	0	202	7
Indonesia	304	0	0	0	0	0	0	0	0	0	0	0	304	10
Nigeria	5,450	0	0	0	0	0	0	0	0	0	0	0	5,450	182
Venezuela	1,255	0	242	0	0	0	0	0	1,611	120	0	1,973	3,229	108
Subtotal Other OPEC	7,479	0	242	0	0	0	0	0	1,611	120	0	1,973	9,452	315
Other														
Bahamas	0	0	1,141	0	0	0	0	0	0	0	0	1,141	1,141	38
Congo	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
Egypt	1,764	0	0	0	0	0	0	0	0	0	0	0	1,764	59
Mexico	9,346	1,125	0	0	(s)	0	2	20	343	0	4	1,493	10,840	361
Netherlands	0	0	0	74	0	0	0	0	0	21	0	94	94	3
Netherlands Antilles	0	0	0	0	0	0	0	0	478	0	0	478	478	16
Norway	388	0	0	0	0	0	0	0	0	0	0	0	388	13
Oman	2,550	0	0	0	0	0	0	0	0	0	0	0	2,550	85
Peru	0	0	0	0	0	0	0	0	241	0	0	241	241	8
Puerto Rico	0	0	0	0	0	0	0	0	0	0	85	85	85	3
Trinidad and Tobago	3,545	0	152	0	0	0	0	0	326	0	30	508	4,053	135
Tunisia	976	0	0	0	0	0	0	0	0	0	0	0	976	33
United Kingdom	2,612	0	0	0	0	0	0	0	0	0	(s)	(s)	2,612	87
Virgin Islands	0	0	394	18	0	0	0	0	0	68	0	480	480	16
Zaire	494	0	0	0	0	0	0	0	0	0	0	0	494	16
Other Western Hemisphere	272	0	0	13	0	0	0	0	0	19	(s)	32	303	10
Other Eastern Hemisphere	705	0	264	0	242	0	0	0	0	44	60	611	1,316	44
Subtotal Other	22,652	1,125	1,952	104	242	0	2	20	1,388	151	179	5,163	27,815	927

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, April 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts [2]	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
							PAD District III							
Other														
Total Imports	42,855	1,125	2,194	104	242	0	2	20	3,008	271	179	7,146	50,001	1,667
							PAD District IV							
Other														
Canada	717	308	0	0	0	0	0	(s)	0	(s)	37	346	1,062	35
Subtotal Other	717	308	0	0	0	0	0	(s)	0	(s)	37	346	1,062	35
Total Imports	717	308	0	0	0	0	0	(s)	0	(s)	37	346	1,062	35
							PAD District V							
Other OPEC														
Indonesia	3,433	0	0	0	164	0	0	70	84	0	0	317	3,750	125
Venezuela	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Subtotal Other OPEC	3,433	0	0	0	164	0	0	70	84	0	0	318	3,751	125
Other														
Australia	0	38	0	0	0	0	0	0	0	0	0	38	38	1
Brunei	0	0	0	0	61	0	0	39	25	0	0	125	125	4
Canada	486	420	0	0	0	0	0	40	1	57	(s)	519	1,005	33
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	548	0	0	0	0	0	0	0	0	0	0	0	548	18
Mexico	0	0	0	0	(s)	0	0	29	0	0	0	29	29	1
People's Republic of China	0	0	174	0	869	0	0	0	0	160	0	1,203	1,203	40
Peru	0	0	0	0	0	0	0	34	43	0	0	77	77	3
Other Eastern Hemisphere	0	0	0	0	20	0	0	60	554	0	119	753	753	25
Subtotal Other	1,034	458	174	0	949	0	0	201	623	217	119	2,742	3,776	126
Total Imports	4,467	458	174	0	1,113	0	0	272	707	217	119	3,060	7,527	251

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	2,298	77	0	0	0	0	0	0	2,919	263	0	3,259	5,558	179
Saudi Arabia	18,640	0	0	0	0	0	0	0	0	0	0	0	18,640	601
United Arab Emirates	3,405	0	0	0	0	0	0	0	0	0	200	200	3,606	116
Subtotal Arab OPEC	24,344	77	0	0	0	0	0	0	2,919	263	200	3,460	27,803	897
Other OPEC														
Ecuador	1,478	0	0	0	0	0	0	0	194	0	0	194	1,672	54
Indonesia	6,523	0	0	0	412	0	0	160	209	0	0	780	7,304	236
Nigeria	6,880	0	0	0	0	0	0	0	0	0	0	0	6,880	222
Venezuela	3,892	0	625	0	0	239	0	231	8,028	0	57	9,180	13,072	422
Subtotal Other OPEC	18,773	0	625	0	412	239	0	392	8,431	0	57	10,155	28,928	933
Other														
Angola	957	0	0	0	0	0	0	0	0	0	0	0	957	31
Bahamas	0	0	880	0	0	0	0	188	1,320	0	0	2,388	2,388	77
Brazil	470	0	0	22	111	0	0	0	351	0	0	484	955	31
Brunei	0	0	0	0	4	0	0	0	30	0	0	34	34	1
Canada	5,819	5,034	145	285	2	(s)	0	289	1,019	121	265	7,160	12,979	419
Egypt	1,517	0	0	0	0	0	0	0	0	0	0	0	1,517	49
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	145	0	0	145	145	5
Malaysia	300	0	0	0	74	0	0	26	0	0	0	100	400	13
Mexico	23,407	298	0	0	(s)	0	3	51	0	0	3	354	23,761	766
Netherlands	0	0	0	0	792	0	0	0	0	15	(s)	807	807	26
Netherlands Antilles	0	0	1,105	0	261	134	0	0	3,200	0	0	4,700	4,700	152
Norway	4,064	0	0	0	0	0	0	0	0	0	0	0	4,064	131
Oman	1,195	0	0	0	0	0	0	0	0	0	0	0	1,195	39
People's Republic of China	0	0	0	0	1,167	0	0	0	0	0	0	1,167	1,167	38
Peru	384	0	0	0	9	0	0	(s)	309	0	0	318	702	23
Puerto Rico	0	0	416	0	772	0	0	0	0	0	277	1,465	1,465	47
Spain	0	0	0	0	0	0	0	(s)	0	15	(s)	15	15	(s)
Trinidad and Tobago	2,038	0	0	0	231	0	0	0	674	0	0	905	2,943	95
Tunisia	508	0	0	0	0	0	0	0	0	0	0	0	508	16
United Kingdom	15,986	0	0	0	0	0	0	0	0	0	5	5	15,990	516
Virgin Islands	0	0	2,931	0	1,224	206	176	1,343	3,492	0	0	9,372	9,372	302
Yugoslavia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Zaire	1,199	0	0	0	0	0	0	0	0	0	0	0	1,199	39
Other Western Hemisphere	0	0	0	0	0	0	0	0	582	11	0	592	592	19
Other Eastern Hemisphere	1,617	361	230	818	594	370	0	4	523	0	52	2,953	4,570	147
Subtotal Other	59,460	5,693	5,707	1,125	5,241	710	179	1,901	11,644	162	600	32,963	92,424	2,981
Total Imports	102,577	5,770	6,332	1,125	5,653	949	179	2,293	22,994	425	858	46,578	149,155	4,811

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	191	77	0	0	0	0	0	0	2,396	263	0	2,737	2,927	94
Saudi Arabia	5,695	0	0	0	0	0	0	0	0	0	0	0	5,695	184
Subtotal Arab OPEC	5,886	77	0	0	0	0	0	0	2,396	263	0	2,737	8,623	278
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	194	0	0	194	194	6
Indonesia	1,858	0	0	0	0	0	0	0	0	0	0	0	1,858	60
Nigeria	3,679	0	0	0	0	0	0	0	0	0	0	0	3,679	119
Venezuela	1,732	0	273	0	0	239	0	224	5,122	0	57	5,916	7,648	247
Subtotal Other OPEC	7,270	0	273	0	0	239	0	224	5,316	0	57	6,110	13,380	432
Other														
Angola	254	0	0	0	0	0	0	0	0	0	0	0	254	8
Bahamas	0	0	0	0	0	0	0	188	1,320	0	0	1,508	1,508	49
Brazil	0	0	0	0	111	0	0	0	351	0	0	462	462	15
Canada	0	259	1	73	0	0	0	288	842	15	159	1,636	1,636	53
Egypt	476	0	0	0	0	0	0	0	0	0	0	0	476	15
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	145	0	0	145	145	5
Mexico	3,256	0	0	0	0	0	0	0	0	0	0	0	3,256	105
Netherlands	0	0	0	0	590	0	0	0	0	0	(s)	590	590	19
Netherlands Antilles	0	0	741	0	261	134	0	0	3,200	0	0	4,335	4,335	140
Norway	1,167	0	0	0	0	0	0	0	0	0	0	0	1,167	38
Peru	0	0	0	0	0	0	0	0	309	0	0	309	309	10
Puerto Rico	0	0	416	0	772	0	0	0	0	0	190	1,378	1,378	44
Spain	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Trinidad and Tobago	667	0	0	0	0	0	0	0	580	0	0	580	1,247	40
United Kingdom	8,550	0	0	0	0	0	0	0	0	0	5	5	8,555	276
Virgin Islands	0	0	1,144	0	1,224	206	176	1,343	3,492	0	0	7,586	7,586	245
Yugoslavia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Zaire	853	0	0	0	0	0	0	0	0	0	0	0	853	28
Other Western Hemisphere	0	0	0	0	0	0	0	0	581	0	0	581	581	19
Other Eastern Hemisphere	(s)	(s)	230	465	503	179	0	0	0	0	(s)	1,377	1,377	44
Subtotal Other	15,224	259	2,532	538	3,461	519	176	1,819	10,818	15	353	20,491	35,714	1,152
Total Imports	28,379	336	2,806	538	3,461	758	176	2,044	18,531	278	410	29,338	57,717	1,862
							PAD District II							
Arab OPEC														
Algeria	676	0	0	0	0	0	0	0	0	0	0	0	676	22
Saudi Arabia	123	0	0	0	0	0	0	0	0	0	0	0	123	4
United Arab Emirates	1,395	0	0	0	0	0	0	0	0	0	0	0	1,395	45
Subtotal Arab OPEC	2,194	0	0	0	0	0	0	0	0	0	0	0	2,194	71

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
	PAD District II													
Other OPEC														
Nigeria	222	0	0	0	0	0	0	0	0	0	0	0	222	7
Subtotal Other OPEC	222	0	0	0	0	0	0	0	0	0	0	0	222	7
Other														
Canada	4,056	3,942	144	181	2	0	0	(s)	171	77	49	4,567	8,623	278
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	5,367	0	0	0	0	0	0	0	0	0	0	0	5,367	173
Norway	538	0	0	0	0	0	0	0	0	0	0	0	538	17
United Kingdom	1,072	0	0	0	0	0	0	0	0	0	0	0	1,072	35
Virgin Islands	0	0	68	0	0	0	0	0	0	0	0	68	68	2
Other Eastern Hemisphere	1,617	0	0	0	0	0	0	0	0	0	0	0	1,617	52
Subtotal Other	12,650	3,942	212	181	2	0	0	(s)	171	77	49	4,635	17,285	558
Total Imports	15,065	3,942	212	181	2	0	0	(s)	171	77	49	4,635	19,700	635
	PAD District III													
Arab OPEC														
Algeria	450	0	0	0	0	0	0	0	522	0	0	522	973	31
Saudi Arabia	12,822	0	0	0	0	0	0	0	0	0	0	0	12,822	414
United Arab Emirates	2,010	0	0	0	0	0	0	0	0	0	200	200	2,211	71
Subtotal Arab OPEC	15,282	0	0	0	0	0	0	0	522	0	200	723	16,005	516
Other OPEC														
Ecuador	1,478	0	0	0	0	0	0	0	0	0	0	0	1,478	48
Indonesia	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270	41
Nigeria	2,979	0	0	0	0	0	0	0	0	0	0	0	2,979	96
Venezuela	2,160	0	99	0	0	0	0	0	2,906	0	0	3,005	5,165	167
Subtotal Other OPEC	7,887	0	99	0	0	0	0	0	2,906	0	0	3,005	10,892	351
Other														
Angola	703	0	0	0	0	0	0	0	0	0	0	0	703	23
Bahamas	0	0	880	0	0	0	0	0	0	0	0	880	880	28
Brazil	470	0	0	22	0	0	0	0	0	0	0	22	493	16
Canada	0	4	0	0	0	0	0	0	0	15	0	19	19	1
Egypt	1,041	0	0	0	0	0	0	0	0	0	0	0	1,041	34
France	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	14,785	298	0	0	(s)	0	3	28	0	0	3	331	15,116	488
Netherlands	0	0	0	0	0	0	0	0	0	15	0	15	15	(s)
Netherlands Antilles	0	0	364	0	0	0	0	0	0	0	0	364	364	12
Norway	2,359	0	0	0	0	0	0	0	0	0	0	0	2,359	76
Oman	1,195	0	0	0	0	0	0	0	0	0	0	0	1,195	39
Peru	384	0	0	0	0	0	0	0	0	0	0	0	384	12
Puerto Rico	0	0	0	0	0	0	0	0	0	0	87	87	87	3
Spain	0	0	0	0	0	0	0	0	0	15	0	15	15	(s)
Trinidad and Tobago	1,371	0	0	0	0	0	0	0	94	0	0	94	1,465	47
Tunisia	508	0	0	0	0	0	0	0	0	0	0	0	508	16
United Kingdom	6,363	0	0	0	0	0	0	0	0	0	0	0	6,363	205
Virgin Islands	0	0	1,719	0	0	0	0	0	0	0	0	1,719	1,719	55

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, May 1982 (continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District III							
Other														
Zaire	346	0	0	0	0	0	0	0	0	0	0	0	346	11
Other Western Hemisphere	0	0	0	0	0	0	0	0	1	11	0	11	11	(s)
Other Eastern Hemisphere	0	361	0	0	0	0	0	0	0	0	52	413	413	13
Subtotal Other	29,524	663	2,963	22	(s)	0	3	28	95	56	141	3,971	33,494	1,080
Total Imports	52,693	663	3,062	22	(s)	0	3	28	3,523	56	342	7,699	60,392	1,948
							PAD District IV							
Other														
Canada	1,285	432	0	0	0	0	0	(s)	0	0	54	486	1,771	57
Subtotal Other	1,285	432	0	0	0	0	0	(s)	0	0	54	486	1,771	57
Total Imports	1,285	432	0	0	0	0	0	(s)	0	0	54	486	1,771	57
							PAD District V							
Arab OPEC														
Algeria	982	0	0	0	0	0	0	0	0	0	0	0	982	32
Subtotal Arab OPEC	982	0	0	0	0	0	0	0	0	0	0	0	982	32
Other OPEC														
Indonesia	3,395	0	0	0	412	0	0	160	209	0	0	780	4,176	135
Venezuela	0	0	252	0	0	0	0	7	0	0	0	259	259	8
Subtotal Other OPEC	3,395	0	252	0	412	0	0	167	209	0	0	1,040	4,435	143
Other														
Brunei	0	0	0	0	4	0	0	0	30	0	0	34	34	1
Canada	478	397	0	31	0	(s)	0	(s)	7	14	3	452	930	30
Malaysia	300	0	0	0	74	0	0	26	0	0	0	100	400	13
Mexico	0	0	0	0	(s)	0	0	23	0	0	(s)	23	23	1
Netherlands	0	0	0	0	202	0	0	0	0	0	0	202	202	7
People's Republic of China	0	0	0	0	1,167	0	0	0	0	0	0	1,167	1,167	38
Peru	0	0	0	0	9	0	0	(s)	0	0	0	9	9	(s)
Trinidad and Tobago	0	0	0	0	231	0	0	0	0	0	0	231	231	7
Other Eastern Hemisphere	0	0	0	353	91	191	0	4	523	0	(s)	1,163	1,163	38
Subtotal Other	778	397	0	383	1,778	191	0	54	560	14	3	3,381	4,159	134
Total Imports	5,155	397	252	383	2,190	191	0	221	769	14	3	4,421	9,576	309

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	2,066	0	0	0	0	0	0	0	1,375	0	0	1,375	3,441	115
Kuwait	550	0	0	0	0	0	0	0	0	0	(s)	(s)	550	18
Saudi Arabia	17,207	0	144	0	0	0	0	0	10	8	428	590	17,796	593
United Arab Emirates	2,534	0	0	30	0	0	0	0	0	0	257	287	2,821	94
Subtotal Arab OPEC	22,357	0	144	30	0	0	0	0	1,385	8	685	2,251	24,608	820
Other OPEC														
Ecuador	763	0	0	0	0	0	0	0	353	0	0	353	1,116	37
Gabon	1,641	0	0	0	0	0	0	0	0	0	0	0	1,641	55
Indonesia	6,065	0	0	0	150	0	0	0	227	0	0	376	6,442	215
Iran	2,156	0	0	0	0	0	0	0	0	0	0	0	2,156	72
Nigeria	16,095	0	0	0	0	0	0	0	0	0	(s)	(s)	16,095	537
Venezuela	4,124	109	952	0	0	0	0	0	5,422	0	219	6,702	10,826	361
Subtotal Other OPEC	30,844	109	952	0	150	0	0	0	6,002	0	219	7,431	38,276	1,276
Other														
Angola	1,435	0	0	0	0	0	0	0	(s)	0	0	(s)	1,435	48
Australia	0	0	0	0	0	0	0	0	265	0	(s)	265	265	9
Bahamas	0	0	462	0	0	0	0	0	506	0	0	968	968	32
Brazil	421	0	0	0	249	0	0	0	641	0	30	920	1,341	45
Canada	6,013	4,959	87	315	1,149	0	0	322	1,017	170	391	8,409	14,423	481
Egypt	2,558	0	0	0	0	0	0	0	0	0	0	0	2,558	85
France	0	0	0	0	0	0	0	0	0	0	28	28	28	1
Malaysia	644	0	0	0	5	0	0	0	8	0	0	13	657	22
Mexico	22,172	706	0	0	(s)	0	0	18	1,014	0	7	1,745	23,917	797
Netherlands	0	0	0	0	403	0	0	0	149	0	0	552	552	18
Netherlands Antilles	0	0	944	0	211	0	0	0	3,292	0	1	4,447	4,447	148
Norway	5,096	0	0	0	0	0	0	0	0	0	0	0	5,096	170
Oman	756	0	0	0	0	0	0	0	0	0	0	0	756	25
People's Republic of China	507	0	60	0	851	0	0	0	0	0	(s)	911	1,418	47
Peru	1,041	0	0	0	0	0	0	0	772	0	0	772	1,813	60
Puerto Rico	0	0	335	0	279	0	0	673	0	0	445	1,733	1,733	58
Romania	0	0	0	0	174	0	0	0	0	0	0	174	174	6
Spain	2	0	0	0	0	0	0	0	644	0	0	644	646	22
Trinidad and Tobago	3,177	0	0	0	0	0	0	168	483	0	30	681	3,859	129
Tunisia	446	0	0	0	0	0	0	0	0	0	0	0	446	15
United Kingdom	16,281	0	0	0	418	0	0	0	0	0	(s)	418	16,699	557
Virgin Islands	0	0	2,761	0	2,683	84	145	1,778	2,120	76	0	9,647	9,647	322
Zaire	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Other Western Hemisphere	0	0	0	16	0	0	0	0	545	25	0	585	585	20
Other Eastern Hemisphere	1,341	0	490	334	335	0	0	95	704	116	50	2,125	3,465	116
Subtotal Other	61,892	5,664	5,140	665	6,755	84	145	3,054	12,160	387	982	35,038	96,929	3,231
Total Imports	115,093	5,774	6,236	695	6,905	84	145	3,054	19,546	394	1,887	44,720	159,813	5,327

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
PAD District I														
Arab OPEC														
Algeria	529	0	0	0	0	0	0	0	717	0	0	717	1,246	42
Saudi Arabia	7,454	0	144	0	0	0	0	0	0	0	(s)	144	7,598	253
United Arab Emirates	0	0	0	30	0	0	0	0	0	0	0	30	30	1
Subtotal Arab OPEC	7,983	0	144	30	0	0	0	0	717	0	(s)	891	8,874	296
Other OPEC														
Ecuador	248	0	0	0	0	0	0	0	193	0	0	193	441	15
Gabon	918	0	0	0	0	0	0	0	0	0	0	0	918	31
Indonesia	1,772	0	0	0	0	0	0	0	0	0	0	0	1,772	59
Nigeria	3,359	0	0	0	0	0	0	0	0	0	0	0	3,359	112
Venezuela	2,393	0	277	0	0	0	0	0	3,345	0	219	3,841	6,234	208
Subtotal Other OPEC	8,692	0	277	0	0	0	0	0	3,538	0	219	4,034	12,725	424
Other														
Angola	594	0	0	0	0	0	0	0	0	0	0	0	594	20
Australia	0	0	0	0	0	0	0	0	265	0	(s)	265	265	9
Brazil	421	0	0	0	249	0	0	0	641	0	30	920	1,341	45
Canada	0	322	1	(s)	534	0	0	62	712	36	264	1,930	1,930	64
Egypt	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	995	0	0	0	0	0	0	0	452	0	(s)	453	1,448	48
Netherlands	0	0	0	0	403	0	0	0	0	0	0	403	403	13
Netherlands Antilles	0	0	599	0	211	0	0	0	3,099	0	1	3,909	3,909	130
Norway	1,586	0	0	0	0	0	0	0	0	0	0	0	1,586	53
Oman	756	0	0	0	0	0	0	0	0	0	0	0	756	25
People's Republic of China	0	0	0	0	171	0	0	0	0	0	(s)	171	171	6
Peru	0	0	0	0	0	0	0	0	508	0	0	508	508	17
Puerto Rico	0	0	335	0	279	0	0	673	0	0	318	1,606	1,606	54
Romania	0	0	0	0	174	0	0	0	0	0	0	174	174	6
Spain	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Trinidad and Tobago	450	0	0	0	0	0	0	168	0	0	0	168	618	21
Tunisia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
United Kingdom	7,646	0	0	0	418	0	0	0	0	0	(s)	418	8,064	269
Virgin Islands	0	0	576	0	2,683	84	145	1,778	2,120	0	0	7,387	7,387	246
Other Western Hemisphere	0	0	0	0	0	0	0	0	543	0	0	543	543	18
Other Eastern Hemisphere	505	0	230	334	253	0	0	0	197	(s)	30	1,044	1,550	52
Subtotal Other	12,956	322	1,741	335	5,373	84	145	2,681	8,538	36	642	19,898	32,854	1,095
Total Imports	29,630	322	2,162	365	5,373	84	145	2,681	12,793	36	862	24,823	54,453	1,815
PAD District II														
Arab OPEC														
Algeria	913	0	0	0	0	0	0	0	0	0	0	0	913	30
Kuwait	550	0	0	0	0	0	0	0	0	0	0	0	550	18
Saudi Arabia	1,299	0	0	0	0	0	0	0	0	0	0	0	1,299	43
United Arab Emirates	721	0	0	0	0	0	0	0	0	0	0	0	721	24
Subtotal Arab OPEC	3,482	0	0	0	0	0	0	0	0	0	0	0	3,482	116

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other OPEC														
Nigeria	4,313	0	0	0	0	0	0	0	0	0	0	0	4,313	144
Subtotal Other OPEC	4,313	0	0	0	0	0	0	0	0	0	0	0	4,313	144
Other														
Canada	4,248	3,753	86	301	421	0	0	238	298	88	60	5,245	9,494	316
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,778	0	0	0	0	0	0	0	0	0	0	0	4,778	159
Norway	530	0	0	0	0	0	0	0	0	0	0	0	530	18
Peru	341	0	0	0	0	0	0	0	0	0	0	0	341	11
United Kingdom	2,396	0	0	0	0	0	0	0	0	0	0	0	2,396	80
Other Eastern Hemisphere	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Subtotal Other	12,294	3,753	86	301	421	0	0	238	298	88	60	5,245	17,539	585
Total Imports	20,089	3,753	86	301	421	0	0	238	298	88	60	5,245	25,334	844
							PAD District III							
Arab OPEC														
Algeria	0	0	0	0	0	0	0	0	658	0	0	658	658	22
Kuwait	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Saudi Arabia	8,455	0	0	0	0	0	0	0	10	8	428	446	8,900	297
United Arab Emirates	1,813	0	0	0	0	0	0	0	0	0	257	257	2,070	69
Subtotal Arab OPEC	10,268	0	0	0	0	0	0	0	667	8	685	1,360	11,628	388
Other OPEC														
Ecuador	515	0	0	0	0	0	0	0	160	0	0	160	675	22
Gabon	723	0	0	0	0	0	0	0	0	0	0	0	723	24
Indonesia	1,347	0	0	0	0	0	0	0	0	0	0	0	1,347	45
Iran	2,156	0	0	0	0	0	0	0	0	0	0	0	2,156	72
Nigeria	8,423	0	0	0	0	0	0	0	0	0	(s)	(s)	8,423	281
Venezuela	1,730	109	360	0	0	0	0	0	2,077	0	0	2,546	4,277	143
Subtotal Other OPEC	14,894	109	360	0	0	0	0	0	2,237	0	(s)	2,706	17,600	587
Other														
Angola	841	0	0	0	0	0	0	0	(s)	0	0	(s)	841	28
Bahamas	0	0	462	0	0	0	0	0	506	0	0	968	968	32
Egypt	2,558	0	0	0	0	0	0	0	0	0	0	0	2,558	85
France	0	0	0	0	0	0	0	0	0	0	28	28	28	1
Mexico	16,399	706	0	0	(s)	0	0	10	562	0	5	1,283	17,682	589
Netherlands	0	0	0	0	0	0	0	0	149	0	0	149	149	5
Netherlands Antilles	0	0	345	0	0	0	0	0	0	0	0	345	345	12
Norway	2,980	0	0	0	0	0	0	0	0	0	0	0	2,980	99
Peru	700	0	0	0	0	0	0	0	264	0	0	264	964	32
Puerto Rico	0	0	0	0	0	0	0	0	0	0	127	127	127	4
Spain	0	0	0	0	0	0	0	0	644	0	0	644	644	21
Trinidad and Tobago	2,728	0	0	0	0	0	0	0	483	0	30	513	3,241	108
Tunisia	446	0	0	0	0	0	0	0	0	0	0	0	446	15
United Kingdom	6,238	0	0	0	0	0	0	0	0	0	0	0	6,238	208
Virgin Islands	0	0	2,184	0	0	0	0	0	0	76	0	2,261	2,261	75

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, June 1982 (continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District III														
Other														
Zaire	2	0	0	0	0	0	0	0	0	0	0	0	2	(s)
Other Western Hemisphere	0	0	0	16	0	0	0	0	2	25	0	42	42	1
Other Eastern Hemisphere	835	0	261	0	0	0	0	0	0	37	21	319	1,154	38
Subtotal Other	33,726	706	3,253	16	(s)	0	0	10	2,609	138	211	6,943	40,669	1,356
Total Imports	58,888	815	3,612	16	(s)	0	0	10	5,514	146	897	11,009	69,898	2,330
PAD District IV														
Other														
Canada	1,138	541	(s)	3	0	0	0	(s)	0	0	62	605	1,743	58
Subtotal Other	1,138	541	(s)	3	0	0	0	(s)	0	0	62	605	1,743	58
Total Imports	1,138	541	(s)	3	0	0	0	(s)	0	0	62	605	1,743	58
PAD District V														
Arab OPEC														
Algeria	624	0	0	0	0	0	0	0	0	0	0	0	624	21
Subtotal Arab OPEC	624	0	0	0	0	0	0	0	0	0	0	0	624	21
Other OPEC														
Indonesia	2,946	0	0	0	150	0	0	0	227	0	0	376	3,322	111
Venezuela	0	0	315	0	0	0	0	0	0	0	0	315	315	11
Subtotal Other OPEC	2,946	0	315	0	150	0	0	0	227	0	0	691	3,638	121
Other														
Canada	627	343	0	12	194	0	0	21	8	46	5	628	1,255	42
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Malaysia	644	0	0	0	5	0	0	0	8	0	0	13	657	22
Mexico	0	0	0	0	(s)	0	0	8	0	0	2	10	10	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	193	0	0	193	193	6
People's Republic of China	507	0	60	0	680	0	0	0	0	0	0	740	1,247	42
Other Eastern Hemisphere	0	0	0	0	82	0	0	95	507	78	(s)	762	762	25
Subtotal Other	1,777	343	60	12	961	0	0	124	715	125	7	2,346	4,123	137
Total Imports	5,348	343	375	12	1,110	0	0	124	942	125	7	3,037	8,385	280

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	2,276	0	266	0	0	0	0	221	2,152	0	0	2,639	4,915	159
Kuwait	0	0	0	0	0	0	0	0	533	0	0	533	533	17
Qatar	639	0	0	0	0	0	0	0	0	0	0	0	639	21
Saudi Arabia	18,667	0	333	0	0	0	0	0	635	0	834	1,801	20,468	660
United Arab Emirates	2,871	0	0	0	0	0	0	0	0	0	481	481	3,352	108
Subtotal Arab OPEC	24,453	0	599	0	0	0	0	221	3,320	0	1,315	5,455	29,908	965
Other OPEC														
Ecuador	1,090	0	0	0	0	0	0	0	0	0	0	0	1,090	35
Gabon	689	0	0	0	0	0	0	0	0	0	0	0	689	22
Indonesia	9,685	0	0	0	185	0	0	87	178	0	0	450	10,135	327
Iran	2,153	0	0	0	0	0	0	0	0	0	0	0	2,153	69
Nigeria	28,225	0	0	0	0	0	0	0	0	(s)	(s)	(s)	28,225	910
Venezuela	4,654	0	595	0	253	235	0	495	4,811	0	0	6,389	11,043	356
Subtotal Other OPEC	46,496	0	595	0	438	235	0	582	4,989	(s)	(s)	6,839	53,335	1,720
Other														
Angola	2,257	0	0	0	0	0	0	0	0	0	0	0	2,257	73
Australia	0	94	278	0	0	0	0	0	0	0	0	372	372	12
Bahamas	0	0	209	0	0	246	0	0	1,543	0	0	1,998	1,998	64
Brazil	447	0	0	0	734	0	0	0	0	0	0	734	1,181	38
Brunei	0	0	0	0	0	0	0	19	0	0	0	19	19	1
Canada	7,730	6,172	189	423	665	0	0	191	579	166	509	8,895	16,625	536
France	0	0	0	0	0	0	0	0	172	0	59	232	232	7
Ghana	0	0	0	0	0	0	0	0	399	0	0	399	399	13
Malaysia	1,953	0	0	0	0	0	0	0	0	0	0	0	1,953	63
Mexico	23,061	708	0	0	(s)	0	0	17	472	1	10	1,207	24,268	783
Netherlands	0	67	0	0	725	0	0	214	0	0	0	1,006	1,006	32
Netherlands Antilles	0	0	1,116	0	260	0	0	42	3,089	0	391	4,897	4,897	158
Norway	4,481	0	0	0	0	0	0	0	0	0	0	0	4,481	145
People's Republic of China	1,101	0	175	0	1,051	0	0	7	70	156	(s)	1,459	2,559	83
Peru	408	0	0	0	0	0	0	0	262	0	0	262	670	22
Puerto Rico	0	0	334	0	135	0	0	460	0	0	246	1,176	1,176	38
Trinidad and Tobago	3,212	0	0	0	0	0	0	217	195	0	31	443	3,655	118
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	13,412	0	0	0	0	0	0	0	0	0	(s)	(s)	13,412	433
Virgin Islands	0	0	2,259	0	2,694	475	148	1,342	3,702	0	1,050	11,670	11,670	376
Zaire	666	0	0	0	0	0	0	0	0	0	0	0	666	21
Other Western Hemisphere	142	0	0	0	0	0	0	0	585	8	0	593	735	24
Other Eastern Hemisphere	1,857	(s)	627	509	285	0	0	559	976	181	109	3,247	5,104	165
Subtotal Other	60,728	7,042	5,187	932	6,549	721	148	3,068	12,045	512	2,406	38,610	99,338	3,204
Total Imports	131,677	7,042	6,380	932	6,987	956	148	3,872	20,353	512	3,721	50,904	182,581	5,890

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	810	0	266	0	0	0	0	221	1,805	0	0	2,293	3,102	100
Saudi Arabia	6,915	0	333	0	0	0	0	0	0	0	0	333	7,248	234
Subtotal Arab OPEC	7,725	0	599	0	0	0	0	221	1,805	0	0	2,625	10,350	334
Other OPEC														
Ecuador	705	0	0	0	0	0	0	0	0	0	0	0	705	23
Indonesia	3,162	0	0	0	0	0	0	0	0	0	0	0	3,162	102
Nigeria	4,943	0	0	0	0	0	0	0	0	0	0	0	4,943	159
Venezuela	2,037	0	319	0	253	0	0	495	3,467	0	0	4,535	6,573	212
Subtotal Other OPEC	10,847	0	319	0	253	0	0	495	3,467	0	0	4,535	15,383	496
Other														
Angola	464	0	0	0	0	0	0	0	0	0	0	0	464	15
Bahamas	0	0	0	0	0	0	0	0	1,543	0	0	1,543	1,543	50
Brazil	447	0	0	0	734	0	0	0	0	0	0	734	1,181	38
Canada	0	245	3	0	212	0	0	68	266	20	301	1,116	1,116	36
France	0	0	0	0	0	0	0	0	172	0	59	232	232	7
Ghana	0	0	0	0	0	0	0	0	399	0	0	399	399	13
Mexico	4,251	0	0	0	0	0	0	0	234	0	0	234	4,485	145
Netherlands	0	67	0	0	725	0	0	214	0	0	0	1,006	1,006	32
Netherlands Antilles	0	0	716	0	260	0	0	0	3,089	0	391	4,455	4,455	144
Norway	2,562	0	0	0	0	0	0	0	0	0	0	0	2,562	83
People's Republic of China	369	0	0	0	0	0	0	0	0	0	(s)	(s)	369	12
Peru	0	0	0	0	0	0	0	0	262	0	0	262	262	8
Puerto Rico	0	0	334	0	135	0	0	460	0	0	172	1,101	1,101	36
Trinidad and Tobago	459	0	0	0	0	0	0	217	0	0	0	217	676	22
United Kingdom	4,789	0	0	0	0	0	0	0	0	0	(s)	(s)	4,789	154
Virgin Islands	0	0	298	0	1,989	250	148	1,342	3,702	0	299	8,028	8,028	259
Zaire	310	0	0	0	0	0	0	0	0	0	0	0	310	10
Other Western Hemisphere	0	0	0	0	0	0	0	0	585	0	0	585	585	19
Other Eastern Hemisphere	369	0	0	383	239	0	0	420	164	0	(s)	1,207	1,575	51
Subtotal Other	14,020	312	1,351	383	4,294	250	148	2,721	10,417	20	1,221	21,118	35,138	1,133
Total Imports	32,592	312	2,269	383	4,547	250	148	3,438	15,690	20	1,221	28,279	60,871	1,964
							PAD District II							
Arab OPEC														
Qatar	639	0	0	0	0	0	0	0	0	0	0	0	639	21
Saudi Arabia	689	0	0	0	0	0	0	0	0	0	0	0	689	22
United Arab Emirates	737	0	0	0	0	0	0	0	0	0	0	0	737	24
Subtotal Arab OPEC	2,066	0	0	0	0	0	0	0	0	0	0	0	2,066	67
Other OPEC														
Nigeria	5,802	0	0	0	0	0	0	0	0	0	0	0	5,802	187
Subtotal Other OPEC	5,802	0	0	0	0	0	0	0	0	0	0	0	5,802	187

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District II													
Other														
Canada	5,666	5,310	186	408	62	0	0	102	303	127	72	6,571	12,237	395
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	3,012	0	0	0	0	0	0	0	0	0	0	0	3,012	97
Norway	1,527	0	0	0	0	0	0	0	0	0	0	0	1,527	49
United Kingdom	3,805	0	0	0	0	0	0	0	0	0	0	0	3,805	123
Other Western Hemisphere	142	0	0	0	0	0	0	0	0	0	0	0	142	5
Other Eastern Hemisphere	989	0	0	0	0	0	0	0	0	0	0	0	989	32
Subtotal Other	15,141	5,310	186	408	62	0	0	102	303	127	72	6,571	21,712	700
Total Imports	23,009	5,310	186	408	62	0	0	102	303	127	72	6,571	29,580	954
	PAD District III													
Arab OPEC														
Algeria	1,006	0	0	0	0	0	0	0	347	0	0	347	1,353	44
Kuwait	0	0	0	0	0	0	0	0	533	0	0	533	533	17
Saudi Arabia	11,063	0	0	0	0	0	0	0	635	0	834	1,469	12,531	404
United Arab Emirates	2,134	0	0	0	0	0	0	0	0	0	481	481	2,615	84
Subtotal Arab OPEC	14,202	0	0	0	0	0	0	0	1,514	0	1,315	2,829	17,032	549
Other OPEC														
Ecuador	385	0	0	0	0	0	0	0	0	0	0	0	385	12
Gabon	689	0	0	0	0	0	0	0	0	0	0	0	689	22
Indonesia	2,536	0	0	0	0	0	0	0	0	0	0	0	2,536	82
Iran	2,153	0	0	0	0	0	0	0	0	0	0	0	2,153	69
Nigeria	17,480	0	0	0	0	0	0	0	0	(s)	(s)	(s)	17,480	564
Venezuela	2,616	0	276	0	0	0	0	0	1,343	0	0	1,619	4,235	137
Subtotal Other OPEC	25,860	0	276	0	0	0	0	0	1,343	(s)	(s)	1,619	27,479	886
Other														
Angola	1,793	0	0	0	0	0	0	0	0	0	0	0	1,793	58
Australia	0	94	278	0	0	0	0	0	0	0	0	372	372	12
Bahamas	0	0	209	0	0	0	0	0	0	0	0	209	209	7
Malaysia	512	0	0	0	0	0	0	0	0	0	0	0	512	17
Mexico	15,798	708	0	0	(s)	0	0	11	238	1	6	964	16,762	541
Netherlands Antilles	0	0	400	0	0	0	0	0	0	0	0	400	400	13
Norway	392	0	0	0	0	0	0	0	0	0	0	0	392	13
People's Republic of China	732	0	0	0	0	0	0	0	0	0	0	0	732	24
Puerto Rico	0	0	0	0	0	0	0	0	0	0	75	75	75	2
Trinidad and Tobago	2,754	0	0	0	0	0	0	0	195	0	31	226	2,980	96
Tunisia	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
United Kingdom	4,818	0	0	0	0	0	0	0	0	0	0	0	4,818	155
Virgin Islands	0	0	1,961	0	0	0	0	0	0	0	751	2,712	2,712	87
Zaire	356	0	0	0	0	0	0	0	0	0	0	0	356	11
Other Western Hemisphere	0	0	0	0	0	0	0	0	0	8	0	8	8	(s)
Other Eastern Hemisphere	500	0	627	0	0	0	0	0	710	7	46	1,391	1,891	61
Subtotal Other	27,656	802	3,475	0	(s)	0	0	11	1,143	16	910	6,357	34,013	1,097

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, July 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
PAD District III														
Other														
Total Imports	67,718	802	3,751	0	(s)	0	0	11	4,000	16	2,225	10,806	78,524	2,533
PAD District IV														
Other														
Canada	1,490	267	0	4	0	0	0	(s)	0	(s)	135	406	1,896	61
Subtotal Other	1,490	267	0	4	0	0	0	(s)	0	(s)	135	406	1,896	61
Total Imports	1,490	267	0	4	0	0	0	(s)	0	(s)	135	406	1,896	61
PAD District V														
Arab OPEC														
Algeria	460	0	0	0	0	0	0	0	0	0	0	0	460	15
Subtotal Arab OPEC	460	0	0	0	0	0	0	0	0	0	0	0	460	15
Other OPEC														
Indonesia	3,987	0	0	0	185	0	0	87	178	0	0	450	4,437	143
Venezuela	0	0	0	0	0	235	0	0	0	0	0	235	235	8
Subtotal Other OPEC	3,987	0	0	0	185	235	0	87	178	0	0	685	4,672	151
Other														
Bahamas	0	0	0	0	0	246	0	0	0	0	0	246	246	8
Brunei	0	0	0	0	0	0	0	19	0	0	0	19	19	1
Canada	573	351	0	11	391	0	0	21	9	19	(s)	802	1,375	44
Malaysia	1,440	0	0	0	0	0	0	0	0	0	0	0	1,440	46
Mexico	0	0	0	0	(s)	0	0	6	0	0	4	10	10	(s)
Netherlands Antilles	0	0	0	0	0	0	0	42	0	0	0	42	42	1
People's Republic of China	0	0	175	0	1,051	0	0	7	70	156	0	1,459	1,459	47
Peru	408	0	0	0	0	0	0	0	0	0	0	0	408	13
Virgin Islands	0	0	0	0	705	225	0	0	0	0	0	930	930	30
Other Eastern Hemisphere	0	(s)	0	126	46	0	0	139	102	174	63	649	649	21
Subtotal Other	2,422	351	175	137	2,194	471	0	234	181	348	66	4,157	6,579	212
Total Imports	6,869	351	175	137	2,378	706	0	321	360	348	66	4,842	11,711	378

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1982

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	3,117	0	472	0	0	0	0	0	2,016	0	0	2,488	5,605	181
Qatar	468	0	0	0	0	0	0	0	0	0	0	0	468	15
Saudi Arabia	15,153	0	0	0	0	0	0	0	0	0	0	0	15,153	489
United Arab Emirates	3,668	0	0	458	0	0	0	0	0	0	0	458	4,126	133
Subtotal Arab OPEC	22,406	0	472	458	0	0	0	0	2,016	0	0	2,946	25,352	818
Other OPEC														
Ecuador	1,821	0	0	0	0	0	0	0	316	0	0	316	2,137	69
Gabon	1,508	0	0	0	0	0	0	0	0	0	0	0	1,508	49
Indonesia	8,013	137	0	0	249	0	0	0	5	1	0	392	8,405	271
Iran	835	0	0	0	0	0	0	0	0	0	0	0	835	27
Nigeria	17,806	0	0	0	0	0	0	0	0	0	(s)	(s)	17,806	574
Venezuela	5,248	0	816	46	489	0	245	0	2,377	0	45	4,018	9,266	299
Subtotal Other OPEC	35,231	137	816	46	739	0	245	0	2,697	1	45	4,726	39,957	1,289
Other														
Angola	1,403	0	0	0	0	0	0	0	0	0	0	0	1,403	45
Australia	0	0	0	0	0	0	0	0	220	0	(s)	220	220	7
Bahamas	0	0	464	0	0	200	0	0	1,805	0	0	2,469	2,469	80
Brazil	379	0	0	0	703	0	0	0	679	0	0	1,381	1,760	57
Brunei	0	0	0	0	30	0	0	0	0	0	0	30	30	1
Canada	7,529	3,399	228	410	514	0	0	323	725	187	407	6,194	13,723	443
Egypt	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
France	0	0	0	213	0	0	0	(s)	0	0	(s)	213	213	7
Liberia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Malaysia	415	0	0	0	0	0	0	0	0	0	0	0	415	13
Mexico	25,776	344	0	0	(s)	0	0	17	305	(s)	7	673	26,449	853
Netherlands	0	0	0	212	1,288	0	0	211	(s)	8	0	1,719	1,719	55
Netherlands Antilles	0	0	834	0	255	0	0	0	3,379	0	20	4,488	4,488	145
Norway	3,440	0	0	0	0	0	0	0	0	0	0	0	3,440	111
People's Republic of China	331	0	164	0	994	0	0	0	0	0	0	1,159	1,489	48
Peru	794	0	0	0	0	0	0	0	0	0	0	0	794	26
Puerto Rico	0	0	187	0	223	0	0	0	50	0	280	741	741	24
Romania	0	0	0	0	496	0	0	0	0	275	0	771	771	25
Trinidad and Tobago	2,748	0	264	0	0	0	0	0	194	0	90	547	3,295	106
Tunisia	358	0	0	0	0	0	0	0	0	0	0	0	358	12
United Kingdom	16,106	0	0	0	0	0	0	0	0	0	(s)	(s)	16,106	520
Virgin Islands	0	0	1,697	0	2,026	615	0	1,538	3,171	0	774	9,820	9,820	317
Zaire	700	0	0	0	0	0	0	0	0	0	0	0	700	23
Other Western Hemisphere	138	0	0	83	264	0	0	0	644	21	0	1,012	1,149	37
Other Eastern Hemisphere	1,638	(s)	511	157	1,501	0	0	377	1,179	255	76	4,055	5,694	184
Subtotal Other	61,756	3,743	4,350	1,075	8,294	815	0	2,466	12,349	745	1,654	35,492	97,249	3,137
Total Imports	119,393	3,880	5,638	1,579	9,032	815	245	2,466	17,062	746	1,699	43,164	162,557	5,244

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1,053	0	228	0	0	0	0	0	1,015	0	0	1,243	2,296	74
Saudi Arabia	5,089	0	0	0	0	0	0	0	0	0	0	0	5,089	164
United Arab Emirates	0	0	0	458	0	0	0	0	0	0	0	458	458	15
Subtotal Arab OPEC	6,142	0	228	458	0	0	0	0	1,015	0	0	1,701	7,843	253
Other OPEC														
Ecuador	354	0	0	0	0	0	0	0	313	0	0	313	667	22
Gabon	576	0	0	0	0	0	0	0	0	0	0	0	576	19
Indonesia	2,276	0	0	0	0	0	0	0	0	0	0	0	2,276	73
Nigeria	6,025	0	0	0	0	0	0	0	0	0	0	0	6,025	194
Venezuela	2,647	0	575	0	489	0	0	0	725	0	45	1,834	4,481	145
Subtotal Other OPEC	11,877	0	575	0	489	0	0	0	1,038	0	45	2,147	14,024	452
Other														
Angola	699	0	0	0	0	0	0	0	0	0	0	0	699	23
Australia	0	0	0	0	0	0	0	0	220	0	(s)	220	220	7
Bahamas	0	0	0	0	0	200	0	0	1,805	0	0	2,005	2,005	65
Brazil	379	0	0	0	703	0	0	0	679	0	0	1,381	1,760	57
Canada	0	294	3	(s)	251	0	0	273	507	34	185	1,548	1,548	50
Egypt	1	0	0	0	0	0	0	0	0	0	0	0	1	(s)
France	0	0	0	213	0	0	0	(s)	0	0	(s)	213	213	7
Liberia	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Mexico	3,274	0	0	0	0	0	0	0	0	0	0	0	3,274	106
Netherlands	0	0	0	212	1,288	0	0	211	0	0	0	1,711	1,711	55
Netherlands Antilles	0	0	834	0	255	0	0	0	3,201	0	0	4,290	4,290	138
Peru	396	0	0	0	0	0	0	0	0	0	0	0	396	13
Puerto Rico	0	0	187	0	223	0	0	0	50	0	214	675	675	22
Romania	0	0	0	0	250	0	0	0	0	0	0	250	250	8
Trinidad and Tobago	449	0	0	0	0	0	0	0	194	0	0	194	642	21
Tunisia	358	0	0	0	0	0	0	0	0	0	0	0	358	12
United Kingdom	7,959	0	0	0	0	0	0	0	0	0	(s)	(s)	7,959	257
Virgin Islands	0	0	302	0	1,794	353	0	1,538	3,171	0	550	7,707	7,707	249
Other Western Hemisphere	0	0	0	0	264	0	0	0	644	0	0	908	908	29
Other Eastern Hemisphere	1	(s)	0	157	1,268	0	0	209	607	(s)	(s)	2,241	2,242	72
Subtotal Other	13,516	294	1,326	582	6,295	553	0	2,232	11,077	34	949	23,343	36,859	1,189
Total Imports	31,535	294	2,129	1,040	6,784	553	0	2,232	13,130	34	994	27,191	58,726	1,894
							PAD District II							
Arab OPEC														
Algeria	1,464	0	0	0	0	0	0	0	0	0	0	0	1,464	47
Qatar	468	0	0	0	0	0	0	0	0	0	0	0	468	15
Saudi Arabia	3,611	0	0	0	0	0	0	0	0	0	0	0	3,611	116
Subtotal Arab OPEC	5,542	0	0	0	0	0	0	0	0	0	0	0	5,542	179

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
							PAD District II							
Other OPEC														
Nigeria	2,043	0	0	0	0	0	0	0	0	0	0	0	2,043	66
Subtotal Other OPEC	2,043	0	0	0	0	0	0	0	0	0	0	0	2,043	66
Other														
Canada	5,583	2,403	137	345	163	0	0	50	211	139	91	3,539	9,122	294
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,244	0	0	0	0	0	0	0	0	0	0	0	4,244	137
Norway	1,002	0	0	0	0	0	0	0	0	0	0	0	1,002	32
United Kingdom	2,606	0	0	0	0	0	0	0	0	0	(s)	(s)	2,606	84
Other Western Hemisphere	138	0	0	0	0	0	0	0	0	0	0	0	138	4
Other Eastern Hemisphere	1,637	0	0	0	0	0	0	0	0	0	(s)	(s)	1,637	53
Subtotal Other	15,209	2,403	137	345	163	0	0	50	211	139	91	3,540	18,749	605
Total Imports	22,795	2,403	137	345	163	0	0	50	211	139	91	3,540	26,334	849
							PAD District III							
Arab OPEC														
Algeria	601	0	0	0	0	0	0	0	1,001	0	0	1,001	1,601	52
Saudi Arabia	6,454	0	0	0	0	0	0	0	0	0	0	0	6,454	208
United Arab Emirates	3,668	0	0	0	0	0	0	0	0	0	0	0	3,668	118
Subtotal Arab OPEC	10,722	0	0	0	0	0	0	0	1,001	0	0	1,001	11,723	378
Other OPEC														
Ecuador	734	0	0	0	0	0	0	0	3	0	0	3	737	24
Gabon	932	0	0	0	0	0	0	0	0	0	0	0	932	30
Indonesia	975	137	0	0	0	0	0	0	0	1	0	138	1,112	36
Iran	835	0	0	0	0	0	0	0	0	0	0	0	835	27
Nigeria	9,738	0	0	0	0	0	0	0	0	0	(s)	(s)	9,738	314
Venezuela	2,601	0	0	0	0	0	0	0	1,651	0	0	1,651	4,253	137
Subtotal Other OPEC	15,816	137	0	0	0	0	0	0	1,654	1	(s)	1,792	17,607	568
Other														
Angola	704	0	0	0	0	0	0	0	0	0	0	0	704	23
Bahamas	0	0	464	0	0	0	0	0	0	0	0	464	464	15
Canada	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	18,258	344	0	0	(s)	0	0	12	305	(s)	4	665	18,923	610
Netherlands	0	0	0	0	0	0	0	0	0	8	0	8	8	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	178	0	0	178	178	6
Norway	2,438	0	0	0	0	0	0	0	0	0	0	0	2,438	79
People's Republic of China	331	0	0	0	0	0	0	0	0	0	0	0	331	11
Peru	398	0	0	0	0	0	0	0	0	0	0	0	398	13
Puerto Rico	0	0	0	0	0	0	0	0	0	0	66	66	66	2
Romania	0	0	0	0	0	0	0	0	0	275	0	275	275	9
Trinidad and Tobago	2,299	0	0	0	0	0	0	0	0	0	90	90	2,389	77
United Kingdom	5,540	0	0	0	0	0	0	0	0	0	(s)	(s)	5,540	179
Virgin Islands	0	0	1,396	0	0	0	0	0	0	0	224	1,619	1,619	52

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, August 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District III														
Other														
Zaire	700	0	0	0	0	0	0	0	0	0	0	0	700	23
Other Western Hemisphere	0	0	0	83	0	0	0	0	0	21	0	104	104	3
Other Eastern Hemisphere	1	0	504	0	0	0	0	0	282	66	11	862	863	28
Subtotal Other	30,670	344	2,364	83	(s)	0	0	12	764	369	394	4,332	35,001	1,129
Total Imports	57,207	481	2,364	83	(s)	0	0	12	3,419	370	394	7,124	64,331	2,075
PAD District IV														
Other														
Canada	1,265	349	0	18	0	0	0	0	0	0	131	498	1,763	57
Subtotal Other	1,265	349	0	18	0	0	0	0	0	0	131	498	1,763	57
Total Imports	1,265	349	0	18	0	0	0	0	0	0	131	498	1,763	57
PAD District V														
Arab OPEC														
Algeria	0	0	244	0	0	0	0	0	0	0	0	244	244	8
Subtotal Arab OPEC	0	0	244	0	0	0	0	0	0	0	0	244	244	8
Other OPEC														
Ecuador	733	0	0	0	0	0	0	0	0	0	0	0	733	24
Indonesia	4,763	0	0	0	249	0	0	0	5	0	0	254	5,017	162
Venezuela	0	0	241	46	0	0	245	0	0	0	0	532	532	17
Subtotal Other OPEC	5,496	0	241	46	249	0	245	0	5	0	0	787	6,283	203
Other														
Brunei	0	0	0	0	30	0	0	0	0	0	0	30	30	1
Canada	681	353	88	47	100	0	0	0	6	13	(s)	608	1,290	42
Malaysia	415	0	0	0	0	0	0	0	0	0	0	0	415	13
Mexico	0	0	0	0	(s)	0	0	5	0	0	4	8	8	(s)
Netherlands	0	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	0	0	20	20	20	1
People's Republic of China	0	0	164	0	994	0	0	0	0	0	0	1,159	1,159	37
Romania	0	0	0	0	246	0	0	0	0	0	0	246	246	8
Trinidad and Tobago	0	0	264	0	0	0	0	0	0	0	0	264	264	9
Virgin Islands	0	0	0	0	232	262	0	0	0	0	0	494	494	16
Other Eastern Hemisphere	0	0	7	0	233	0	0	168	290	189	65	952	952	31
Subtotal Other	1,096	353	523	47	1,836	262	0	172	296	203	89	3,781	4,877	157
Total Imports	6,592	353	1,008	94	2,085	262	245	172	302	203	89	4,811	11,403	368

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1982

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	2,395	284	0	0	0	0	0	0	2,695	3	0	2,982	5,377	179
Kuwait	0	0	0	267	0	0	0	0	0	0	0	267	267	9
Saudi Arabia	11,469	238	160	0	0	0	0	0	0	165	930	1,493	12,962	432
United Arab Emirates	1,104	0	0	496	0	0	0	0	0	96	0	591	1,695	57
Subtotal Arab OPEC	14,968	522	160	763	0	0	0	0	2,695	264	930	5,334	20,302	677
Other OPEC														
Ecuador	513	0	0	0	0	0	0	0	0	0	0	0	513	17
Gabon	1,174	0	0	0	0	0	0	0	117	0	0	117	1,291	43
Indonesia	5,606	0	0	0	93	0	0	0	18	0	0	112	5,718	191
Iran	615	0	0	0	0	0	0	0	0	0	0	0	615	21
Nigeria	14,315	0	0	0	0	0	0	0	0	0	(s)	(s)	14,316	477
Venezuela	6,411	215	756	230	0	0	242	0	7,520	98	57	9,119	15,529	518
Subtotal Other OPEC	28,634	215	756	230	93	0	242	0	7,656	98	57	9,348	37,982	1,266
Other														
Angola	1,685	0	0	0	0	0	0	0	267	0	0	267	1,951	65
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	660	0	0	159	0	109	1,829	0	0	2,757	2,757	92
Brazil	381	0	0	0	721	0	0	0	326	0	0	1,047	1,428	48
Brunei	700	0	0	0	7	0	0	0	97	0	0	104	804	27
Canada	7,314	5,492	286	261	215	0	(s)	286	466	121	358	7,484	14,798	493
Congo	455	0	0	0	0	0	0	0	0	0	0	0	455	15
Egypt	0	0	0	0	0	0	0	0	18	0	0	18	18	1
France	0	0	0	0	0	0	0	(s)	0	0	(s)	1	1	(s)
Mexico	24,520	1,053	1	0	(s)	0	0	15	1,307	1	3	2,380	26,900	897
Netherlands	1	(s)	0	0	798	0	0	0	88	36	4	925	926	31
Netherlands Antilles	0	0	467	0	485	0	0	35	4,870	0	0	5,857	5,857	195
Norway	3,481	0	0	0	0	0	0	0	0	0	0	0	3,481	116
Oman	1,557	0	0	0	0	0	0	0	0	0	0	0	1,557	52
People's Republic of China	0	0	163	0	847	0	0	20	0	0	0	1,029	1,029	34
Peru	1,436	73	0	0	0	0	0	0	1,543	0	0	1,616	3,053	102
Puerto Rico	0	0	281	0	759	0	0	0	180	0	302	1,522	1,522	51
Romania	0	0	124	155	0	0	0	0	0	0	0	279	279	9
Spain	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Trinidad and Tobago	2,274	0	0	0	0	0	0	0	389	0	0	389	2,663	89
Tunisia	360	0	0	0	0	0	0	0	0	0	0	0	360	12
United Kingdom	18,145	59	0	0	0	0	0	0	675	4	42	781	18,925	631
Virgin Islands	0	0	498	0	1,872	745	0	1,270	3,049	0	916	8,350	8,350	278
Yugoslavia	0	0	0	0	0	0	0	0	0	204	0	204	204	7
Zaire	862	0	0	0	0	0	0	0	0	0	0	0	862	29
Other Western Hemisphere	158	0	200	18	0	0	0	0	502	8	198	926	1,084	36
Other Eastern Hemisphere	2,147	(s)	755	600	903	0	0	93	209	5	169	2,734	4,881	163
Subtotal Other	65,477	6,676	3,433	1,035	6,607	904	(s)	1,828	15,815	380	1,992	38,668	104,145	3,472
Total Imports	109,079	7,413	4,349	2,028	6,700	904	242	1,828	26,166	741	2,979	53,350	162,429	5,414

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1,185	0	0	0	0	0	0	0	2,695	3	0	2,698	3,883	129
Saudi Arabia	5,351	0	160	0	0	0	0	0	0	0	0	160	5,511	184
United Arab Emirates	498	0	0	496	0	0	0	0	0	0	0	496	994	33
Subtotal Arab OPEC	7,034	0	160	496	0	0	0	0	2,695	3	0	3,354	10,388	346
Other OPEC														
Gabon	723	0	0	0	0	0	0	0	117	0	0	117	841	28
Indonesia	1,079	0	0	0	0	0	0	0	0	0	0	0	1,079	36
Nigeria	4,358	0	0	0	0	0	0	0	0	0	0	0	4,358	145
Venezuela	3,504	0	513	230	0	0	242	0	6,525	0	0	7,510	11,014	367
Subtotal Other OPEC	9,664	0	513	230	0	0	242	0	6,642	0	0	7,627	17,292	576
Other														
Angola	1,006	0	0	0	0	0	0	0	267	0	0	267	1,272	42
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	0	0	0	159	0	109	1,829	0	0	2,097	2,097	70
Brazil	381	0	0	0	721	0	0	0	326	0	0	1,047	1,428	48
Canada	0	304	(s)	37	0	0	0	264	235	32	221	1,094	1,094	36
Egypt	0	0	0	0	0	0	0	0	18	0	0	18	18	1
France	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Mexico	2,315	0	0	0	0	0	0	0	963	0	0	963	3,277	109
Netherlands	1	0	0	0	798	0	0	0	83	0	0	881	882	29
Netherlands Antilles	0	0	467	0	485	0	0	35	4,469	0	0	5,457	5,457	182
Norway	1,015	0	0	0	0	0	0	0	0	0	0	0	1,015	34
Oman	603	0	0	0	0	0	0	0	0	0	0	0	603	20
Peru	390	73	0	0	0	0	0	0	1,543	0	0	1,616	2,006	67
Puerto Rico	0	0	281	0	759	0	0	0	180	0	237	1,457	1,457	49
Spain	(s)	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Trinidad and Tobago	3	0	0	0	0	0	0	0	389	0	0	389	392	13
Tunisia	360	0	0	0	0	0	0	0	0	0	0	0	360	12
United Kingdom	4,928	0	0	0	0	0	0	0	675	0	42	717	5,645	188
Virgin Islands	0	0	0	0	1,872	745	0	1,270	3,049	0	149	7,085	7,085	236
Yugoslavia	0	0	0	0	0	0	0	0	0	204	0	204	204	7
Zaire	862	0	0	0	0	0	0	0	0	0	0	0	862	29
Other Western Hemisphere	0	0	0	0	0	0	0	0	502	0	0	502	502	17
Other Eastern Hemisphere	560	(s)	0	600	773	0	0	0	0	0	(s)	1,374	1,934	64
Subtotal Other	12,423	377	748	638	5,408	904	0	1,678	14,529	236	650	25,167	37,590	1,253
Total Imports	29,122	377	1,420	1,364	5,408	904	242	1,678	23,866	239	650	36,148	65,270	2,176
							PAD District II							
Arab OPEC														
Algeria	232	0	0	0	0	0	0	0	0	0	0	0	232	8
Saudi Arabia	1,443	0	0	0	0	0	0	0	0	0	0	0	1,443	48
Subtotal Arab OPEC	1,675	0	0	0	0	0	0	0	0	0	0	0	1,675	56

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	PAD District II													
Other OPEC														
Nigeria	2,896	0	0	0	0	0	0	0	0	0	0	0	2,896	97
Subtotal Other OPEC	2,896	0	0	0	0	0	0	0	0	0	0	0	2,896	97
Other														
Canada	5,249	4,035	285	125	97	0	(s)	0	121	73	81	4,818	10,067	336
Congo	455	0	0	0	0	0	0	0	0	0	0	0	455	15
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	2,934	0	0	0	0	0	0	0	0	0	0	0	2,934	98
Norway	1,577	0	0	0	0	0	0	0	0	0	0	0	1,577	53
United Kingdom	2,282	0	0	0	0	0	0	0	0	0	0	0	2,282	76
Other Western Hemisphere	158	0	0	0	0	0	0	0	0	0	0	0	158	5
Other Eastern Hemisphere	1,090	0	0	0	0	0	0	0	0	0	(s)	(s)	1,090	36
Subtotal Other	13,746	4,035	285	125	97	0	(s)	0	121	73	81	4,818	18,564	619
Total Imports	18,317	4,035	285	125	97	0	(s)	0	121	73	81	4,818	23,135	771
	PAD District III													
Arab OPEC														
Algeria	497	284	0	0	0	0	0	0	0	0	0	284	781	26
Kuwait	0	0	0	267	0	0	0	0	0	0	0	267	267	9
Saudi Arabia	4,675	238	0	0	0	0	0	0	0	165	930	1,333	6,008	200
United Arab Emirates	606	0	0	0	0	0	0	0	0	96	0	96	701	23
Subtotal Arab OPEC	5,778	522	0	267	0	0	0	0	0	261	930	1,980	7,758	259
Other OPEC														
Ecuador	513	0	0	0	0	0	0	0	0	0	0	0	513	17
Gabon	451	0	0	0	0	0	0	0	0	0	0	0	451	15
Indonesia	1,102	0	0	0	0	0	0	0	0	0	0	0	1,102	37
Iran	615	0	0	0	0	0	0	0	0	0	0	0	615	21
Nigeria	7,061	0	0	0	0	0	0	0	0	0	(s)	(s)	7,061	235
Venezuela	2,907	215	244	0	0	0	0	0	996	98	57	1,609	4,516	151
Subtotal Other OPEC	12,648	215	244	0	0	0	0	0	996	98	57	1,609	14,257	475
Other														
Angola	679	0	0	0	0	0	0	0	0	0	0	0	679	23
Bahamas	0	0	660	0	0	0	0	0	0	0	0	660	660	22
Canada	0	0	0	74	0	0	0	0	104	0	0	178	178	6
Mexico	19,271	1,053	1	0	(s)	0	0	12	344	1	1	1,413	20,684	689
Netherlands	0	0	0	0	0	0	0	0	5	36	4	44	44	1
Netherlands Antilles	0	0	0	0	0	0	0	0	180	0	0	180	180	6
Norway	889	0	0	0	0	0	0	0	0	0	0	0	889	30
Oman	954	0	0	0	0	0	0	0	0	0	0	0	954	32
Peru	727	0	0	0	0	0	0	0	0	0	0	0	727	24
Puerto Rico	0	0	0	0	0	0	0	0	0	0	65	65	65	2
Romania	0	0	124	155	0	0	0	0	0	0	0	279	279	9
Trinidad and Tobago	2,271	0	0	0	0	0	0	0	0	0	0	0	2,271	76
United Kingdom	10,935	59	0	0	0	0	0	0	0	4	(s)	63	10,998	367

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, September 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts 2	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
							PAD District III							
Other														
Virgin Islands	0	0	498	0	0	0	0	0	0	0	767	1,265	1,265	42
Other Western Hemisphere	0	0	200	18	0	0	0	0	0	8	198	424	424	14
Other Eastern Hemisphere	496	0	755	0	0	0	0	0	0	5	10	770	1,266	42
Subtotal Other	36,223	1,112	2,237	247	(s)	0	0	12	634	55	1,044	5,341	41,564	1,385
Total Imports	54,649	1,848	2,481	514	(s)	0	0	12	1,629	413	2,031	8,929	63,579	2,119
							PAD District IV							
Other														
Canada	1,448	758	0	25	0	0	0	1	0	0	56	840	2,287	76
Subtotal Other	1,448	758	0	25	0	0	0	1	0	0	56	840	2,287	76
Total Imports	1,448	758	0	25	0	0	0	1	0	0	56	840	2,287	76
							PAD District V							
Arab OPEC														
Algeria	481	0	0	0	0	0	0	0	0	0	0	0	481	16
Subtotal Arab OPEC	481	0	0	0	0	0	0	0	0	0	0	0	481	16
Other OPEC														
Indonesia	3,426	0	0	0	93	0	0	0	18	0	0	112	3,537	118
Subtotal Other OPEC	3,426	0	0	0	93	0	0	0	18	0	0	112	3,537	118
Other														
Brunei	700	0	0	0	7	0	0	0	97	0	0	104	804	27
Canada	617	394	0	0	118	0	0	21	5	16	(s)	554	1,172	39
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	0	0	0	0	0	0	0	3	0	0	2	5	5	(s)
Netherlands	0	(s)	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	220	0	0	220	220	7
People's Republic of China	0	0	163	0	847	0	0	20	0	0	0	1,029	1,029	34
Peru	320	0	0	0	0	0	0	0	0	0	0	0	320	11
Other Eastern Hemisphere	0	(s)	0	0	130	0	0	93	209	0	159	590	590	20
Subtotal Other	1,637	394	163	0	1,102	0	0	136	531	16	161	2,503	4,140	138
Total Imports	5,544	394	163	0	1,195	0	0	136	549	16	161	2,615	8,158	272

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[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1982
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	3,965	0	0	0	0	0	0	0	3,401	0	362	3,763	7,728	249
Libya	0	0	0	0	0	0	0	0	206	0	0	206	206	7
Saudi Arabia	13,446	362	0	110	0	0	0	0	0	0	1,389	1,860	15,307	494
United Arab Emirates	1,881	0	0	0	0	0	0	0	0	0	0	0	1,881	61
Subtotal Arab OPEC	19,293	362	0	110	0	0	0	0	3,607	0	1,751	5,829	25,122	810
Other OPEC														
Ecuador	1,839	0	0	0	0	0	0	0	682	0	0	682	2,521	81
Gabon	765	0	0	0	0	0	0	0	0	0	0	0	765	25
Indonesia	7,184	0	0	0	240	0	0	60	4	0	0	304	7,488	242
Iran	3,356	0	0	0	0	0	0	0	0	0	0	0	3,356	108
Nigeria	9,533	0	0	0	0	0	0	0	169	0	0	169	9,702	313
Venezuela	6,923	63	272	265	0	0	333	229	6,548	257	747	8,714	15,637	504
Subtotal Other OPEC	29,600	63	272	265	240	0	333	289	7,403	257	747	9,869	39,469	1,273
Other														
Angola	1,846	0	0	0	0	0	0	0	271	0	0	271	2,118	68
Australia	0	333	0	0	0	0	0	0	0	0	0	333	333	11
Bahamas	0	0	397	0	0	0	0	0	998	0	0	1,395	1,395	45
Brazil	1,681	0	0	0	341	238	0	0	338	0	0	917	2,597	84
Brunei	0	0	0	0	43	0	0	24	0	0	0	67	67	2
Canada	6,632	5,173	378	306	237	0	8	285	701	172	340	7,599	14,231	459
Egypt	980	0	21	0	0	0	0	0	0	0	0	21	1,001	32
France	0	0	0	0	0	0	0	(s)	0	21	(s)	21	21	1
Mexico	20,742	0	0	0	(s)	0	0	24	349	4	8	385	21,128	682
Netherlands	0	0	178	0	1,190	0	0	0	407	18	(s)	1,793	1,793	58
Netherlands Antilles	0	0	849	0	0	0	0	0	3,702	0	34	4,585	4,585	148
Norway	6,018	0	0	0	0	0	0	0	0	0	0	0	6,018	194
Oman	613	0	0	0	0	0	0	0	0	0	0	0	613	20
People's Republic of China	295	0	158	0	1,035	0	0	7	0	0	0	1,200	1,495	48
Peru	357	0	0	0	0	0	0	0	258	0	0	258	615	20
Puerto Rico	0	0	397	0	514	0	0	391	0	0	297	1,599	1,599	52
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Trinidad and Tobago	2,752	0	0	0	0	0	0	0	612	0	21	634	3,385	109
Tunisia	358	0	0	0	0	0	0	0	0	0	0	0	358	12
United Kingdom	20,301	93	0	0	0	0	0	0	243	0	(s)	336	20,637	666
Virgin Islands	0	0	1,729	0	1,588	387	410	1,553	2,447	0	0	8,114	8,114	262
Yugoslavia	0	0	0	0	0	0	0	0	0	220	0	220	220	7
Zaire	498	0	0	0	0	0	0	0	0	0	0	0	498	16
Other Western Hemisphere	0	0	365	49	0	0	0	0	1,414	0	(s)	1,828	1,828	59
Other Eastern Hemisphere	1,800	(s)	835	257	552	0	0	235	1,516	8	41	3,445	5,245	169
Subtotal Other	64,873	5,599	5,308	612	5,499	625	417	2,520	13,257	442	741	35,020	99,893	3,222
Total Imports	113,766	6,024	5,579	986	5,739	625	751	2,808	24,267	699	3,240	50,717	164,483	5,306

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District I													
Arab OPEC														
Algeria	1,579	0	0	0	0	0	0	0	2,310	0	0	2,310	3,889	125
Libya	0	0	0	0	0	0	0	0	206	0	0	206	206	7
Saudi Arabia	4,681	0	0	0	0	0	0	0	0	0	0	0	4,681	151
Subtotal Arab OPEC	6,260	0	0	0	0	0	0	0	2,516	0	0	2,516	8,776	283
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	372	0	0	372	372	12
Gabon	567	0	0	0	0	0	0	0	0	0	0	0	567	18
Nigeria	2,467	0	0	0	0	0	0	0	0	0	0	0	2,467	80
Venezuela	3,044	63	0	242	0	0	333	229	5,131	143	495	6,636	9,680	312
Subtotal Other OPEC	6,078	63	0	242	0	0	333	229	5,503	143	495	7,009	13,086	422
Other														
Angola	1,074	0	0	0	0	0	0	0	271	0	0	271	1,346	43
Bahamas	0	0	0	0	0	0	0	0	998	0	0	998	998	32
Brazil	365	0	0	0	341	238	0	0	338	0	0	917	1,281	41
Canada	1	256	0	2	235	0	8	285	464	42	92	1,383	1,385	45
Egypt	0	0	21	0	0	0	0	0	0	0	0	21	21	1
France	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Mexico	3,916	0	0	0	0	0	0	0	45	0	0	45	3,961	128
Netherlands	0	0	178	0	1,190	0	0	0	407	0	(s)	1,775	1,775	57
Netherlands Antilles	0	0	849	0	0	0	0	0	3,376	0	34	4,258	4,258	137
Norway	2,650	0	0	0	0	0	0	0	0	0	0	0	2,650	85
Oman	613	0	0	0	0	0	0	0	0	0	0	0	613	20
Peru	0	0	0	0	0	0	0	0	258	0	0	258	258	8
Puerto Rico	0	0	397	0	514	0	0	391	0	0	187	1,489	1,489	48
Trinidad and Tobago	899	0	0	0	0	0	0	0	0	0	0	0	899	29
Tunisia	358	0	0	0	0	0	0	0	0	0	0	0	358	12
United Kingdom	5,568	(s)	0	0	0	0	0	0	243	0	(s)	243	5,811	187
Virgin Islands	0	0	602	0	1,588	387	410	1,214	2,408	0	0	6,608	6,608	213
Yugoslavia	0	0	0	0	0	0	0	0	0	220	0	220	220	7
Other Western Hemisphere	0	0	0	0	0	0	0	0	1,414	0	0	1,414	1,414	46
Other Eastern Hemisphere	800	(s)	0	257	481	0	0	0	973	(s)	(s)	1,712	2,512	81
Subtotal Other	16,244	256	2,047	260	4,349	625	417	1,889	11,195	262	313	21,612	37,856	1,221
Total Imports	28,582	319	2,047	502	4,349	625	751	2,118	19,215	405	808	31,137	59,719	1,926
	PAD District II													
Arab OPEC														
Saudi Arabia	1,223	0	0	0	0	0	0	0	0	0	0	0	1,223	39
Subtotal Arab OPEC	1,223	0	0	0	0	0	0	0	0	0	0	0	1,223	39
Other OPEC														
Nigeria	3,049	0	0	0	0	0	0	0	0	0	0	0	3,049	98
Venezuela	343	0	0	0	0	0	0	0	0	0	0	0	343	11
Subtotal Other OPEC	3,393	0	0	0	0	0	0	0	0	0	0	0	3,393	109

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil[1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts[2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District II													
Other														
Canada	4,512	3,988	378	277	3	0	0	0	224	78	187	5,135	9,646	311
Egypt	485	0	0	0	0	0	0	0	0	0	0	0	485	16
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,150	0	0	0	0	0	0	0	0	0	0	0	4,150	134
Norway	980	0	0	0	0	0	0	0	0	0	0	0	980	32
Spain	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
United Kingdom	1,221	(s)	0	0	0	0	0	0	0	0	0	(s)	1,221	39
Other Eastern Hemisphere	512	0	0	0	0	0	0	0	0	0	(s)	(s)	512	17
Subtotal Other	11,861	3,988	378	277	3	0	0	0	224	78	187	5,135	16,995	548
Total Imports	16,477	3,988	378	277	3	0	0	0	224	78	187	5,135	21,611	697
	PAD District III													
Arab OPEC														
Algeria	2,386	0	0	0	0	0	0	0	1,090	0	362	1,452	3,839	124
Saudi Arabia	7,542	362	0	110	0	0	0	0	0	0	1,389	1,860	9,402	303
United Arab Emirates	1,881	0	0	0	0	0	0	0	0	0	0	0	1,881	61
Subtotal Arab OPEC	11,809	362	0	110	0	0	0	0	1,090	0	1,751	3,313	15,122	488
Other OPEC														
Ecuador	1,839	0	0	0	0	0	0	0	310	0	0	310	2,149	69
Gabon	198	0	0	0	0	0	0	0	0	0	0	0	198	6
Indonesia	1,553	0	0	0	0	0	0	0	0	0	0	0	1,553	50
Iran	3,356	0	0	0	0	0	0	0	0	0	0	0	3,356	108
Nigeria	4,016	0	0	0	0	0	0	0	169	0	0	169	4,185	135
Venezuela	3,228	0	272	23	0	0	0	0	1,417	114	253	2,077	5,305	171
Subtotal Other OPEC	14,191	0	272	23	0	0	0	0	1,895	114	253	2,556	16,747	540
Other														
Angola	772	0	0	0	0	0	0	0	0	0	0	0	772	25
Australia	0	333	0	0	0	0	0	0	0	0	0	333	333	11
Bahamas	0	0	397	0	0	0	0	0	0	0	0	397	397	13
Brazil	1,316	0	0	0	0	0	0	0	0	0	0	0	1,316	42
Canada	0	14	0	0	0	0	0	0	0	33	0	47	47	2
Egypt	495	0	0	0	0	0	0	0	0	0	0	0	495	16
France	0	0	0	0	0	0	0	0	0	21	0	21	21	1
Mexico	12,676	0	0	0	(s)	0	0	17	304	4	3	327	13,004	419
Netherlands	0	0	0	0	0	0	0	0	0	18	0	18	18	1
Norway	2,389	0	0	0	0	0	0	0	0	0	0	0	2,389	77
Peru	357	0	0	0	0	0	0	0	0	0	0	0	357	12
Puerto Rico	0	0	0	0	0	0	0	0	0	0	110	110	110	4
Trinidad and Tobago	1,852	0	0	0	0	0	0	0	612	0	21	634	2,486	80
United Kingdom	13,511	93	0	0	0	0	0	0	0	0	(s)	93	13,604	439
Virgin Islands	0	0	1,127	0	0	0	0	339	39	0	0	1,505	1,505	49
Zaire	498	0	0	0	0	0	0	0	0	0	0	0	498	16
Other Western Hemisphere	0	0	365	49	0	0	0	0	0	0	(s)	414	414	13
Other Eastern Hemisphere	487	0	835	0	0	0	0	1	162	8	12	1,019	1,506	49

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, October 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products [2]	Total Products	Total Petroleum	Total (Daily Average)
							PAD District III							
Other														
Subtotal Other	34,355	440	2,725	49	(s)	0	0	357	1,118	83	147	4,918	39,274	1,267
Total Imports	60,355	802	2,996	181	(s)	0	0	357	4,104	197	2,150	10,787	71,143	2,295
							PAD District IV							
Other														
Canada	1,629	468	0	0	0	0	0	1	0	1	60	529	2,158	70
Subtotal Other	1,629	468	0	0	0	0	0	1	0	1	60	529	2,158	70
Total Imports	1,629	468	0	0	0	0	0	1	0	1	60	529	2,158	70
							PAD District V							
Other OPEC														
Indonesia	5,631	0	0	0	240	0	0	60	4	0	0	304	5,935	191
Venezuela	308	0	0	0	0	0	0	0	0	0	0	0	308	10
Subtotal Other OPEC	5,938	0	0	0	240	0	0	60	4	0	0	304	6,243	201
Other														
Brunei	0	0	0	0	43	0	0	24	0	0	0	67	67	2
Canada	489	446	0	26	0	0	0	0	14	19	(s)	505	994	32
Mexico	0	0	0	0	0	0	0	8	0	0	5	13	13	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	326	0	0	326	326	11
People's Republic of China	295	0	158	0	1,035	0	0	7	0	0	0	1,200	1,495	48
Other Eastern Hemisphere	0	0	0	0	71	0	0	235	380	0	29	714	714	23
Subtotal Other	784	446	158	26	1,148	0	0	273	721	19	34	2,825	3,609	116
Total Imports	6,723	446	158	26	1,388	0	0	333	725	19	34	3,129	9,852	318

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	4,693	0	0	0	0	198	0	0	2,505	0	0	2,703	7,396	247
Libya	0	0	0	0	0	0	0	0	431	0	0	431	431	14
Saudi Arabia	13,589	0	0	236	0	0	0	0	0	0	837	1,073	14,662	489
United Arab Emirates	1,414	0	0	0	0	0	0	0	0	0	0	0	1,414	47
Subtotal Arab OPEC	19,695	0	0	236	0	198	0	0	2,936	0	837	4,208	23,903	797
Other OPEC														
Ecuador	699	0	0	0	0	0	0	0	189	0	0	189	888	30
Gabon	2,556	0	0	0	0	0	0	0	0	0	0	0	2,556	85
Indonesia	7,904	470	0	0	80	0	0	1	30	0	0	581	8,485	283
Iran	1,023	0	0	0	0	0	0	0	0	0	0	0	1,023	34
Nigeria	14,193	0	0	0	0	0	0	0	182	1	0	183	14,376	479
Venezuela	6,398	63	532	935	258	0	451	422	5,861	467	445	9,434	15,833	528
Subtotal Other OPEC	32,773	533	532	935	338	0	451	423	6,263	467	445	10,387	43,161	1,439
Other														
Angola	1,305	0	0	0	0	0	0	0	0	0	0	0	1,305	44
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	882	0	0	316	0	231	96	0	0	1,525	1,525	51
Brazil	1,210	0	0	0	243	0	0	0	1,343	0	0	1,586	2,796	93
Brunei	217	0	0	0	0	0	0	0	0	0	0	0	217	7
Canada	7,322	6,651	250	333	28	0	8	543	857	150	444	9,265	16,586	553
Egypt	1,949	0	0	0	0	0	0	0	0	0	0	0	1,949	65
France	0	(s)	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	150	0	0	150	150	5
Mexico	25,066	691	0	0	(s)	0	0	22	0	4	9	725	25,792	860
Netherlands	0	0	0	0	733	0	0	688	0	41	0	1,461	1,461	49
Netherlands Antilles	0	0	978	0	231	256	0	0	4,892	0	0	6,357	6,357	212
Norway	1,767	0	0	0	0	0	0	0	0	0	0	0	1,767	59
Oman	432	0	0	0	0	0	0	0	0	0	0	0	432	14
People's Republic of China	591	0	0	164	1,130	0	0	11	0	0	0	1,304	1,895	63
Peru	389	0	0	0	0	0	0	0	481	0	0	481	870	29
Puerto Rico	0	0	478	0	1,005	0	0	0	0	0	937	2,421	2,421	81
Trinidad and Tobago	2,290	0	0	0	0	0	0	0	404	0	16	419	2,710	90
United Kingdom	18,207	126	0	116	0	0	0	0	215	0	20	478	18,685	623
Virgin Islands	0	0	1,178	0	2,041	422	551	2,037	3,785	0	0	10,014	10,014	334
Zaire	371	0	0	0	0	0	0	0	0	0	0	0	371	12
Other Western Hemisphere	139	0	0	26	0	0	0	319	1,669	75	0	2,090	2,229	74
Other Eastern Hemisphere	2,140	(s)	609	176	591	0	0	80	1,997	97	43	3,593	5,733	191
Subtotal Other	63,396	7,467	4,375	816	6,002	994	560	3,930	15,890	367	1,470	41,870	105,266	3,509
Total Imports	115,865	8,001	4,907	1,987	6,340	1,192	1,011	4,352	25,089	834	2,752	56,465	172,330	5,744

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1982 (continued)
(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Kerosene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Products 2	Total Products	Total Petroleum	Total (Daily Average)
	PAD District I													
Arab OPEC														
Algeria	1,984	0	0	0	0	198	0	0	2,503	0	0	2,702	4,685	156
Libya	0	0	0	0	0	0	0	0	431	0	0	431	431	14
Saudi Arabia	4,284	0	0	0	0	0	0	0	0	0	20	20	4,304	143
Subtotal Arab OPEC	6,268	0	0	0	0	198	0	0	2,935	0	20	3,153	9,421	314
Other OPEC														
Ecuador	348	0	0	0	0	0	0	0	189	0	0	189	538	18
Gabon	1,400	0	0	0	0	0	0	0	0	0	0	0	1,400	47
Indonesia	2,072	0	0	0	0	0	0	0	0	0	0	0	2,072	69
Nigeria	4,730	0	0	0	0	0	0	0	0	0	0	0	4,730	158
Venezuela	2,701	63	532	447	258	0	451	422	5,627	251	97	8,148	10,849	362
Subtotal Other OPEC	11,251	63	532	447	258	0	451	422	5,816	251	97	8,337	19,588	653
Other														
Angola	1,305	0	0	0	0	0	0	0	0	0	0	0	1,305	44
Australia	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Bahamas	0	0	0	0	0	241	0	231	96	0	0	568	568	19
Brazil	364	0	0	0	243	0	0	0	1,343	0	0	1,586	1,950	65
Canada	0	392	0	1	26	0	8	376	273	35	236	1,347	1,347	45
France	0	(s)	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	150	0	0	150	150	5
Mexico	3,999	0	0	0	0	0	0	0	0	0	0	0	3,999	133
Netherlands	0	0	0	0	733	0	0	688	0	0	0	1,420	1,420	47
Netherlands Antilles	0	0	978	0	231	0	0	0	4,892	0	0	6,102	6,102	203
Norway	500	0	0	0	0	0	0	0	0	0	0	0	500	17
Peru	389	0	0	0	0	0	0	0	481	0	0	481	870	29
Puerto Rico	0	0	253	0	1,005	0	0	0	0	0	712	1,970	1,970	66
Trinidad and Tobago	435	0	0	0	0	0	0	0	0	0	0	0	435	14
United Kingdom	6,594	126	0	116	0	0	0	0	215	0	20	478	7,072	236
Virgin Islands	0	0	0	0	2,041	422	551	2,037	3,785	0	0	8,836	8,836	295
Zaire	371	0	0	0	0	0	0	0	0	0	0	0	371	12
Other Western Hemisphere	0	0	0	0	0	0	0	0	1,386	0	0	1,386	1,386	46
Other Eastern Hemisphere	563	(s)	0	176	437	0	0	0	1,151	(s)	(s)	1,764	2,327	78
Subtotal Other	14,520	517	1,231	294	4,716	663	560	3,331	13,772	35	968	26,089	40,609	1,354
Total Imports	32,039	580	1,763	741	4,975	861	1,011	3,753	22,523	286	1,086	37,579	69,618	2,321
	PAD District II													
Arab OPEC														
Algeria	604	0	0	0	0	0	0	0	0	0	0	0	604	20
Saudi Arabia	1,342	0	0	0	0	0	0	0	0	0	0	0	1,342	45
United Arab Emirates	350	0	0	0	0	0	0	0	0	0	0	0	350	12
Subtotal Arab OPEC	2,295	0	0	0	0	0	0	0	0	0	0	0	2,295	76

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
PAD District II														
Other OPEC														
Iran	498	0	0	0	0	0	0	0	0	0	0	0	498	17
Nigeria	3,180	0	0	0	0	0	0	0	0	0	0	0	3,180	106
Subtotal Other OPEC	3,678	0	0	0	0	0	0	0	0	0	0	0	3,678	123
Other														
Canada	4,809	5,056	250	332	2	0	0	(s)	567	98	137	6,443	11,253	375
Egypt	999	0	0	0	0	0	0	0	0	0	0	0	999	33
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,531	0	0	0	0	0	0	0	0	0	0	0	4,531	151
United Kingdom	2,118	0	0	0	0	0	0	0	0	0	0	0	2,118	71
Other Western Hemisphere	139	0	0	0	0	0	0	0	0	0	0	0	139	5
Other Eastern Hemisphere	442	0	0	0	0	0	0	0	0	0	(s)	(s)	442	15
Subtotal Other	13,038	5,056	250	332	2	0	0	(s)	567	98	137	6,443	19,482	649
Total Imports	19,011	5,056	250	332	2	0	0	(s)	567	98	137	6,443	25,454	848
PAD District III														
Arab OPEC														
Algeria	2,105	0	0	0	0	0	0	0	2	0	0	2	2,107	70
Saudi Arabia	7,963	0	0	0	0	0	0	0	0	0	817	817	8,780	293
United Arab Emirates	1,065	0	0	0	0	0	0	0	0	0	0	0	1,065	35
Subtotal Arab OPEC	11,133	0	0	0	0	0	0	0	2	0	817	818	11,951	398
Other OPEC														
Ecuador	350	0	0	0	0	0	0	0	0	0	0	0	350	12
Gabon	1,157	0	0	0	0	0	0	0	0	0	0	0	1,157	39
Indonesia	1,043	470	0	0	0	0	0	0	0	0	0	470	1,513	50
Iran	525	0	0	0	0	0	0	0	0	0	0	0	525	18
Nigeria	6,284	0	0	0	0	0	0	0	182	1	0	183	6,466	216
Venezuela	3,697	0	0	488	0	0	0	0	234	216	348	1,286	4,984	166
Subtotal Other OPEC	13,056	470	0	488	0	0	0	0	416	216	348	1,939	14,995	500
Other														
Bahamas	0	0	882	0	0	0	0	0	0	0	0	882	882	29
Brazil	847	0	0	0	0	0	0	0	0	0	0	0	847	28
Canada	0	6	0	0	0	0	0	0	0	0	19	25	25	1
Egypt	950	0	0	0	0	0	0	0	0	0	0	0	950	32
France	0	0	0	0	0	0	0	0	0	(s)	0	(s)	(s)	(s)
Mexico	16,536	691	0	0	(s)	0	0	11	0	4	3	709	17,245	575
Netherlands	0	0	0	0	0	0	0	0	0	41	0	41	41	1
Norway	1,267	0	0	0	0	0	0	0	0	0	0	0	1,267	42
Oman	432	0	0	0	0	0	0	0	0	0	0	0	432	14
People's Republic of China	591	0	0	0	0	0	0	0	0	0	0	0	591	20
Puerto Rico	0	0	225	0	0	0	0	0	0	0	226	450	450	15
Trinidad and Tobago	1,856	0	0	0	0	0	0	0	404	0	16	419	2,275	76
United Kingdom	9,495	0	0	0	0	0	0	0	0	0	0	0	9,495	317
Virgin Islands	0	0	1,178	0	0	0	0	0	0	0	0	1,178	1,178	39

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, November 1982 (Continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts [2]	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Other Western Hemisphere	0	0	0	26	0	0	0	319	283	75	0	704	704	23
Other Eastern Hemisphere	1,135	0	609	0	0	0	0	0	561	97	21	1,288	2,423	81
Subtotal Other	33,108	697	2,893	26	(s)	0	0	331	1,248	217	285	5,697	38,805	1,293
Total Imports	57,296	1,167	2,893	514	(s)	0	0	331	1,666	433	1,450	8,455	65,751	2,192
	PAD District IV													
Other														
Canada	1,738	570	0	0	0	0	0	(s)	0	1	52	623	2,361	79
Subtotal Other	1,738	570	0	0	0	0	0	(s)	0	1	52	623	2,361	79
Total Imports	1,738	570	0	0	0	0	0	(s)	0	1	52	623	2,361	79
	PAD District V													
Arab OPEC														
Saudi Arabia	0	0	0	236	0	0	0	0	0	0	0	236	236	8
Subtotal Arab OPEC	0	0	0	236	0	0	0	0	0	0	0	236	236	8
Other OPEC														
Indonesia	4,789	0	0	0	80	0	0	1	30	0	0	111	4,900	163
Subtotal Other OPEC	4,789	0	0	0	80	0	0	1	30	0	0	111	4,900	163
Other														
Bahamas	0	0	0	0	0	75	0	0	0	0	0	75	75	3
Brunei	217	0	0	0	0	0	0	0	0	0	0	0	217	7
Canada	775	627	0	0	0	0	(s)	166	17	16	(s)	826	1,601	53
Mexico	0	0	0	0	0	0	0	11	0	0	5	16	16	1
Netherlands Antilles	0	0	0	0	0	256	0	0	0	0	0	256	256	9
People's Republic of China	0	0	0	164	1,130	0	0	11	0	0	0	1,304	1,304	43
Other Eastern Hemisphere	0	(s)	0	0	154	0	0	80	285	0	22	541	541	18
Subtotal Other	992	627	0	164	1,283	331	(s)	267	302	16	27	3,018	4,009	134
Total Imports	5,781	627	0	400	1,363	331	(s)	268	332	16	27	3,365	9,146	305

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[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1982

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	All PAD Districts													
Arab OPEC														
Algeria	3,073	0	0	0	0	0	0	0	1,728	0	0	1,728	4,801	155
Kuwait	354	0	182	0	0	0	0	0	0	0	0	182	535	17
Saudi Arabia	7,213	127	0	0	0	0	0	0	0	0	0	127	7,340	237
United Arab Emirates	0	0	0	368	0	0	0	0	0	0	0	368	368	12
Subtotal Arab OPEC	10,640	127	182	368	0	0	0	0	1,728	0	0	2,405	13,045	421
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	316	0	0	316	316	10
Gabon	1,412	0	0	0	0	0	0	0	0	0	0	0	1,412	46
Indonesia	7,522	0	0	0	152	0	0	39	504	0	0	695	8,217	265
Iran	2,715	0	0	0	0	0	0	0	0	0	0	0	2,715	88
Nigeria	13,982	0	0	0	0	0	0	0	344	0	0	344	14,326	462
Venezuela	6,245	0	1,499	150	0	0	0	0	4,069	340	57	6,115	12,360	399
Subtotal Other OPEC	31,877	0	1,499	150	152	0	0	39	5,233	340	57	7,470	39,346	1,269
Other														
Angola	0	0	0	0	0	0	0	0	389	0	0	389	389	13
Australia	0	26	0	0	0	0	0	0	254	0	(s)	280	280	9
Bahamas	0	0	1,397	0	0	0	0	232	1,108	0	0	2,737	2,737	88
Brazil	381	0	0	0	259	0	0	0	361	0	0	620	1,001	32
Brunei	217	0	0	0	0	0	0	0	0	0	0	0	217	7
Canada	7,694	7,846	262	240	31	0	9	433	491	184	209	9,705	17,399	561
Congo	0	0	0	0	0	0	0	0	174	0	0	174	174	6
Egypt	518	0	0	312	0	0	0	0	0	0	0	312	831	27
France	0	0	0	0	0	0	0	0	0	8	16	24	24	1
Malaysia	0	0	0	0	0	0	0	0	621	0	0	621	621	20
Mexico	21,335	0	0	0	(s)	0	0	17	0	(s)	7	25	21,360	689
Netherlands	0	0	0	0	1,053	0	0	240	217	22	0	1,532	1,532	49
Netherlands Antilles	0	0	535	0	121	0	0	3	4,689	0	39	5,387	5,387	174
Norway	1,365	0	0	0	0	0	0	0	0	0	0	0	1,365	44
Oman	633	0	0	0	0	0	0	0	0	0	0	0	633	20
People's Republic of China	0	0	0	0	699	0	0	25	35	0	0	759	759	24
Peru	378	0	0	0	0	0	0	0	784	0	0	784	1,162	37
Puerto Rico	0	0	444	0	475	0	0	458	0	0	107	1,484	1,484	48
Spain	0	0	0	0	0	0	0	0	504	0	3	507	507	16
Trinidad and Tobago	2,645	0	0	0	0	0	0	0	495	0	23	518	3,163	102
United Kingdom	12,860	7	0	0	386	0	0	0	289	0	26	708	13,567	438
Virgin Islands	0	0	1,699	0	2,046	225	468	1,900	3,936	139	0	10,411	10,411	336
Zaire	299	0	0	0	0	0	0	0	0	0	0	0	299	10
Other Western Hemisphere	143	0	0	0	0	0	0	0	556	4	0	560	703	23
Other Eastern Hemisphere	2,021	(s)	655	0	300	0	0	24	1,294	6	79	2,359	4,380	141
Subtotal Other	50,488	7,879	4,992	552	5,371	225	477	3,331	16,195	364	507	39,893	90,381	2,916
Total Imports	93,005	8,006	6,672	1,070	5,523	225	477	3,370	23,157	704	564	49,768	142,772	4,606

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil [1]	LPG and Ethane	Unfin- ished Oils	Gasoline Blending Compo- nents	Finished Motor Gasoline	Jet Fuel	Kero- sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod- ucts [2]	Total Prod- ucts	Total Petro- leum	Total (Daily Average)
							PAD District I							
Arab OPEC														
Algeria	1,060	0	0	0	0	0	0	0	1,728	0	0	1,728	2,788	90
Kuwait	354	0	182	0	0	0	0	0	0	0	0	182	535	17
Saudi Arabia	3,467	127	0	0	0	0	0	0	0	0	0	127	3,595	116
Subtotal Arab OPEC	4,881	127	182	0	0	0	0	0	1,728	0	0	2,037	6,918	223
Other OPEC														
Ecuador	0	0	0	0	0	0	0	0	316	0	0	316	316	10
Gabon	530	0	0	0	0	0	0	0	0	0	0	0	530	17
Indonesia	1,453	0	0	0	0	0	0	0	494	0	0	494	1,947	63
Nigeria	4,951	0	0	0	0	0	0	0	0	0	0	0	4,951	160
Venezuela	1,365	0	260	0	0	0	0	0	3,729	0	57	4,046	5,411	175
Subtotal Other OPEC	8,298	0	260	0	0	0	0	0	4,539	0	57	4,855	13,154	424
Other														
Angola	0	0	0	0	0	0	0	0	389	0	0	389	389	13
Australia	0	0	0	0	0	0	0	0	253	0	0	253	253	8
Bahamas	0	0	562	0	0	0	0	232	1,108	0	0	1,902	1,902	61
Brazil	381	0	0	0	259	0	0	0	361	0	0	620	1,001	32
Canada	0	355	2	0	26	0	8	431	151	61	79	1,114	1,114	36
Congo	0	0	0	0	0	0	0	0	174	0	0	174	174	6
Egypt	0	0	0	312	0	0	0	0	0	0	0	312	312	10
France	0	0	0	0	0	0	0	0	0	0	16	16	16	1
Malaysia	0	0	0	0	0	0	0	0	621	0	0	621	621	20
Mexico	2,271	0	0	0	0	0	0	0	0	0	0	0	2,271	73
Netherlands	0	0	0	0	1,053	0	0	240	217	0	0	1,510	1,510	49
Netherlands Antilles	0	0	535	0	121	0	0	3	4,475	0	39	5,173	5,173	167
Oman	633	0	0	0	0	0	0	0	0	0	0	0	633	20
Peru	378	0	0	0	0	0	0	0	784	0	0	784	1,162	37
Puerto Rico	0	0	444	0	475	0	0	458	0	0	107	1,484	1,484	48
Trinidad and Tobago	495	0	0	0	0	0	0	0	495	0	0	495	989	32
United Kingdom	6,614	7	0	0	386	0	0	0	289	0	26	708	7,322	236
Virgin Islands	0	0	306	0	2,046	225	468	1,900	3,936	0	0	8,880	8,880	286
Other Western Hemisphere	0	0	0	0	0	0	0	0	556	0	0	556	556	18
Other Eastern Hemisphere	448	0	0	0	231	0	0	0	225	0	(s)	456	904	29
Subtotal Other	11,219	362	1,849	312	4,597	225	476	3,264	14,031	61	265	25,444	36,664	1,183
Total Imports	24,399	489	2,291	312	4,597	225	476	3,264	20,299	61	322	32,336	56,735	1,830
							PAD District II							
Arab OPEC														
Algeria	1,106	0	0	0	0	0	0	0	0	0	0	0	1,106	36
Saudi Arabia	347	0	0	0	0	0	0	0	0	0	0	0	347	11
Subtotal Arab OPEC	1,453	0	0	0	0	0	0	0	0	0	0	0	1,453	47

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
							PAD District II							
Other OPEC														
Iran	993	0	0	0	0	0	0	0	0	0	0	0	993	32
Nigeria	3,371	0	0	0	0	0	0	0	0	0	0	0	3,371	109
Venezuela	821	0	0	0	0	0	0	0	0	0	0	0	821	26
Subtotal Other OPEC	5,184	0	0	0	0	0	0	0	0	0	0	0	5,184	167
Other														
Canada	5,159	6,273	253	134	6	0	0	1	305	112	44	7,128	12,287	396
Egypt	518	0	0	0	0	0	0	0	0	0	0	0	518	17
France	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Mexico	4,278	0	0	0	0	0	0	0	0	0	0	0	4,278	138
United Kingdom	1,477	0	0	0	0	0	0	0	0	0	(s)	(s)	1,477	48
Other Western Hemisphere	143	0	0	0	0	0	0	0	0	0	0	0	143	5
Other Eastern Hemisphere	1,573	0	0	0	0	0	0	0	0	0	(s)	(s)	1,573	51
Subtotal Other	13,148	6,273	253	134	6	0	0	1	305	112	44	7,129	20,277	654
Total Imports	19,786	6,273	253	134	6	0	0	1	305	112	44	7,129	26,915	868
							PAD District III							
Arab OPEC														
Algeria	473	0	0	0	0	0	0	0	0	0	0	0	473	15
Saudi Arabia	3,399	0	0	0	0	0	0	0	0	0	0	0	3,399	110
Subtotal Arab OPEC	3,872	0	0	0	0	0	0	0	0	0	0	0	3,872	125
Other OPEC														
Gabon	882	0	0	0	0	0	0	0	0	0	0	0	882	28
Indonesia	952	0	0	0	0	0	0	0	0	0	0	0	952	31
Iran	1,722	0	0	0	0	0	0	0	0	0	0	0	1,722	56
Nigeria	5,661	0	0	0	0	0	0	0	344	0	0	344	6,004	194
Venezuela	4,060	0	1,239	89	0	0	0	0	340	340	0	2,008	6,068	196
Subtotal Other OPEC	13,276	0	1,239	89	0	0	0	0	684	340	0	2,352	15,628	504
Other														
Australia	0	0	0	0	0	0	0	0	1	0	(s)	1	1	(s)
Bahamas	0	0	835	0	0	0	0	0	0	0	0	835	835	27
Canada	0	0	0	105	0	0	0	0	0	0	0	105	105	3
France	0	0	0	0	0	0	0	0	0	8	0	8	8	(s)
Mexico	14,785	0	0	0	(s)	0	0	8	0	(s)	1	10	14,795	477
Netherlands	0	0	0	0	0	0	0	0	(s)	22	0	22	22	1
Norway	1,365	0	0	0	0	0	0	0	0	0	0	0	1,365	44
Spain	0	0	0	0	0	0	0	0	504	0	3	507	507	16
Trinidad and Tobago	2,151	0	0	0	0	0	0	0	0	0	23	23	2,174	70
United Kingdom	4,768	0	0	0	0	0	0	0	0	0	0	0	4,768	154
Virgin Islands	0	0	1,392	0	0	0	0	0	0	139	0	1,531	1,531	49
Zaire	299	0	0	0	0	0	0	0	0	0	0	0	299	10
Other Western Hemisphere	0	0	0	0	0	0	0	0	0	4	0	4	4	(s)
Other Eastern Hemisphere	0	0	655	0	0	0	0	0	737	6	78	1,477	1,477	48

See footnotes at end of table.

Table 19. Imports of Crude Oil and Petroleum Products by Source and PAD District, December 1982 (continued)

(Thousands of Barrels)

Source	Crude Oil 1	LPG and Ethane	Unfin-ished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Kero-sene	Distil. Fuel Oil	Resid. Fuel Oil	Special Naphthas	Other Prod-ucts 2	Total Prod-ucts	Total Petro-leum	Total (Daily Average)
	PAD District III													
Other														
Subtotal Other	23,368	0	2,882	105	(s)	0	0	8	1,243	180	105	4,524	27,892	900
Total Imports	40,516	0	4,122	194	(s)	0	0	8	1,926	520	105	6,875	47,392	1,529
	PAD District IV													
Other														
Canada	1,799	571	0	0	0	0	0	(s)	9	(s)	85	666	2,465	80
Subtotal Other	1,799	571	0	0	0	0	0	(s)	9	(s)	85	666	2,465	80
Total Imports	1,799	571	0	0	0	0	0	(s)	9	(s)	85	666	2,465	80
	PAD District V													
Arab OPEC														
Algeria	434	0	0	0	0	0	0	0	0	0	0	0	434	14
United Arab Emirates	0	0	0	368	0	0	0	0	0	0	0	368	368	12
Subtotal Arab OPEC	434	0	0	368	0	0	0	0	0	0	0	368	802	26
Other OPEC														
Indonesia	5,117	0	0	0	152	0	0	39	10	0	0	201	5,319	172
Venezuela	0	0	0	61	0	0	0	0	0	0	0	61	61	2
Subtotal Other OPEC	5,117	0	0	61	152	0	0	39	10	0	0	262	5,380	174
Other														
Australia	0	26	0	0	0	0	0	0	0	0	0	26	26	1
Brunei	217	0	0	0	0	0	0	0	0	0	0	0	217	7
Canada	736	647	7	0	0	0	1	(s)	26	10	1	692	1,428	46
Mexico	0	0	0	0	0	0	0	9	0	0	6	15	15	(s)
Netherlands Antilles	0	0	0	0	0	0	0	0	214	0	0	214	214	7
People's Republic of China	0	0	0	0	699	0	0	25	35	0	0	759	759	24
United Kingdom	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Other Eastern Hemisphere	0	(s)	0	0	69	0	0	24	333	0	(s)	426	426	14
Subtotal Other	953	673	7	0	768	0	1	58	608	10	7	2,131	3,084	99
Total Imports	6,504	673	7	429	920	0	1	97	618	10	7	2,762	9,266	299

[1] Includes crude oil imported for storage in the Strategic Petroleum Reserve.

[2] Includes aviation gasoline, waxes, asphalt, lubricants, natural gasoline, isopentane, plant condensate, naphthas less than 400 degrees F, other oils greater than 400 degrees F and miscellaneous products.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico", Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States" and Bureau of Census import Tabulation IM145.

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, January 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	1,348	0	0	6,035	7,383
Liquefied Petroleum Gases and Ethane	40	960	894	0	196	2,091
Ethane	(s)	0	0	0	0	(s)
Propane	21	382	296	0	79	777
Butane	19	579	599	0	117	1,314
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	(s)	0	70	0	491	562
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	1	0	227	0	27	255
Kerosene	(s)	(s)	(s)	0	250	251
Distillate Fuel Oil	207	(s)	1,568	0	1,019	2,793
Residual Fuel Oil	493	0	5,199	0	1,593	7,285
Naphtha < 400 Deg. for Petrochem. Feed. Use	34	9	35	0	8	85
Other Oils > 400 Deg. for Petrochem. Feed.Use	1	0	734	0	402	1,138
Special Naphthas	3	5	79	0	2	89
Lubricants	86	10	251	(s)	46	395
Wax	4	1	11	(s)	5	21
Petroleum Coke	87	94	1,493	(s)	1,608	3,282
Asphalt	1	1	1	(s)	2	6
Miscellaneous Products	16	1	39	(s)	4	59
Total Product Exports	973	1,082	10,603	1	5,652	18,310
Total Exports	973	2,430	10,603	1	11,687	25,693

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, February 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,114	0	0	7,407	8,521
Liquefied Petroleum Gases and Ethane	36	404	831	0	148	1,420
Ethane	(s)	0	0	0	0	(s)
Propane	16	164	316	0	59	555
Butane	20	240	516	0	89	864
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	0	0	0	221	222
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	0	0	226	0	19	245
Kerosene	(s)	0	0	0	1	1
Distillate Fuel Oil	7	0	945	0	1,560	2,511
Residual Fuel Oil	356	0	2,912	0	2,705	5,972
Naphtha < 400 Deg. for Petrochem. Feed. Use	42	3	40	(s)	5	90
Other Oils > 400 Deg. for Petrochem. Feed.Use	1	0	168	0	2	171
Special Naphthas	2	(s)	235	0	3	240
Lubricants	71	10	200	(s)	54	335
Wax	4	1	8	0	3	16
Petroleum Coke	59	57	882	0	1,728	2,725
Asphalt	4	1	(s)	(s)	2	8
Miscellaneous Products	14	1	11	0	4	30
Total Product Exports	596	477	6,458	1	6,454	13,986
Total Exports	596	1,591	6,458	1	13,861	22,507

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, March 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,963	0	0	7,987	9,950
Liquefied Petroleum Gases and Ethane	70	825	1,261	0	152	2,308
Ethane	(s)	0	(s)	0	0	(s)
Propane	29	330	714	0	61	1,135
Butane	41	495	547	0	91	1,174
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	25	1,086	0	254	1,367
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	0	0	0	0	80	80
Kerosene	1	(s)	0	0	(s)	1
Distillate Fuel Oil	1	(s)	1,394	0	1,212	2,607
Residual Fuel Oil	225	0	4,110	0	1,778	6,113
Naphtha < 400 Deg. for Petrochem. Feed. Use	55	7	90	1	13	167
Other Oils > 400 Deg. for Petrochem. Feed.Use	(s)	42	261	0	1	304
Special Naphthas	2	1	253	0	(s)	256
Lubricants	248	16	375	1	52	692
Wax	5	(s)	26	0	5	36
Petroleum Coke	17	49	1,188	0	2,157	3,411
Asphalt	5	(s)	3	(s)	3	12
Miscellaneous Products	15	1	20	(s)	4	40
Total Product Exports	645	968	10,066	3	5,711	17,393
Total Exports	645	2,931	10,066	3	13,698	27,343

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, April 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	757	0	0	4,477	5,234
Liquefied Petroleum Gases and Ethane	62	765	1,221	0	251	2,298
Ethane	(s)	0	0	0	0	(s)
Propane	27	305	831	0	101	1,264
Butane	34	460	389	0	150	1,034
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	1	865	0	123	990
Naphtha-Type Jet Fuel	(s)	0	22	0	(s)	22
Kerosene-Type Jet Fuel	0	0	0	0	44	44
Kerosene	(s)	0	20	0	(s)	20
Distillate Fuel Oil	1	0	1,102	0	816	1,919
Residual Fuel Oil	(s)	0	3,831	0	3,181	7,012
Naphtha < 400 Deg. for Petrochem. Feed. Use	61	5	57	1	85	210
Other Oils > 400 Deg. for Petrochem. Feed.Use	(s)	27	415	0	0	442
Special Naphthas	4	1	427	0	1	433
Lubricants	176	10	272	(s)	54	513
Wax	5	1	5	(s)	3	14
Petroleum Coke	517	572	1,597	(s)	1,697	4,382
Asphalt	1	1	1	(s)	2	4
Miscellaneous Products	16	1	8	(s)	3	27
Total Product Exports	842	1,384	9,842	1	6,261	18,331
Total Exports	842	2,141	9,842	1	10,738	23,565

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, May 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	804	0	0	7,307	8,111
Liquefied Petroleum Gases and Ethane	64	4	1,097	0	172	1,338
Ethane	(s)	0	(s)	0	(s)	(s)
Propane	30	3	730	0	68	831
Butane	34	2	367	0	104	507
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	1	696	0	19	717
Naphtha-Type Jet Fuel	(s)	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	0	0	0	0	27	27
Kerosene	1	0	(s)	0	(s)	1
Distillate Fuel Oil	(s)	2	1,411	0	902	2,315
Residual Fuel Oil	0	0	2,165	0	3,750	5,915
Naphtha < 400 Deg. for Petrochem. Feed. Use	74	4	29	(s)	9	117
Other Oils > 400 Deg. for Petrochem. Feed.Use	(s)	43	705	0	172	920
Special Naphthas	3	4	16	0	1	24
Lubricants	170	12	328	1	49	560
Wax	6	(s)	9	(s)	4	20
Petroleum Coke	254	381	1,682	0	2,418	4,735
Asphalt	2	45	1	(s)	2	50
Miscellaneous Products	19	1	33	(s)	3	56
Total Product Exports	596	499	8,173	1	7,528	16,797
Total Exports	596	1,302	8,173	1	14,835	24,908

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, June 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	61	0	0	2,758	2,819
Liquefied Petroleum Gases and Ethane	64	1,799	1,110	0	218	3,192
Ethane	(s)	0	(s)	0	0	(s)
Propane	27	720	697	0	92	1,536
Butane	37	1,080	413	0	126	1,656
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	2	1	420	0	8	431
Naphtha-Type Jet Fuel	0	0	40	0	0	40
Kerosene-Type Jet Fuel	0	0	0	0	38	38
Kerosene	3	0	0	0	3	5
Distillate Fuel Oil	1	2	479	0	1,169	1,650
Residual Fuel Oil	(s)	0	4,897	0	1,618	6,516
Naphtha < 400 Deg. for Petrochem. Feed. Use	40	4	50	(s)	6	100
Other Oils > 400 Deg. for Petrochem. Feed.Use	(s)	26	148	0	561	736
Special Naphthas	5	1	171	0	1	178
Lubricants	139	13	307	(s)	51	510
Wax	5	(s)	11	0	4	20
Petroleum Coke	213	391	1,762	0	2,440	4,807
Asphalt	4	18	1	(s)	1	25
Miscellaneous Products	15	1	6	(s)	3	26
Total Product Exports	492	2,256	9,403	1	6,122	18,274
Total Exports	492	2,318	9,403	1	8,880	21,093

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, July 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	(s)	949	0	0	6,156	7,105
Liquefied Petroleum Gases and Ethane	35	7	945	0	166	1,154
Ethane	(s)	0	(s)	0	0	(s)
Propane	18	2	554	0	68	641
Butane	17	5	392	0	99	512
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	164	(s)	553	0	41	758
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	32	32
Kerosene	1	0	0	0	(s)	1
Distillate Fuel Oil	105	0	254	0	380	738
Residual Fuel Oil	1	0	5,844	0	1,562	7,406
Naphtha < 400 Deg. for Petrochem. Feed. Use	39	3	51	1	12	105
Other Oils > 400 Deg. for Petrochem. Feed.Use	(s)	59	299	0	111	469
Special Naphthas	4	1	48	0	3	56
Lubricants	125	13	339	1	51	528
Wax	4	(s)	30	0	3	37
Petroleum Coke	270	431	1,743	(s)	2,032	4,477
Asphalt	3	45	1	1	1	51
Miscellaneous Products	16	1	33	0	3	53
Total Product Exports	767	561	10,139	2	4,399	15,867
Total Exports	767	1,509	10,139	2	10,555	22,972

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, August 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,151	0	0	8,268	9,419
Liquefied Petroleum Gases and Ethane	49	781	937	0	109	1,876
Ethane	(s)	(s)	0	0	(s)	(s)
Propane	21	313	565	0	44	942
Butane	28	469	372	0	65	934
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	151	0	332	0	12	495
Naphtha-Type Jet Fuel	0	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	0	32	32
Kerosene	1	(s)	1	0	0	2
Distillate Fuel Oil	53	0	387	0	802	1,242
Residual Fuel Oil	(s)	0	3,395	0	3,884	7,280
Naphtha < 400 Deg. for Petrochem. Feed. Use	77	2	60	3	3	145
Other Oils > 400 Deg. for Petrochem. Feed.Use	142	46	424	0	65	678
Special Naphthas	2	5	26	0	1	34
Lubricants	90	19	365	1	52	526
Wax	5	1	13	0	2	21
Petroleum Coke	121	142	2,170	0	2,313	4,745
Asphalt	13	43	1	(s)	(s)	58
Miscellaneous Products	16	1	14	(s)	2	33
Total Product Exports	720	1,039	8,126	4	7,278	17,167
Total Exports	720	2,190	8,126	4	15,546	26,586

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, September 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,188	0	0	4,336	5,524
Liquefied Petroleum Gases and Ethane	54	1,348	999	0	137	2,538
Ethane	(s)	0	0	0	0	(s)
Propane	25	537	449	0	56	1,066
Butane	28	812	551	0	81	1,472
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	0	408	0	242	651
Naphtha-Type Jet Fuel	0	0	222	0	0	222
Kerosene-Type Jet Fuel	0	0	0	0	41	41
Kerosene	(s)	0	30	0	(s)	30
Distillate Fuel Oil	2	1	3,020	(s)	1,132	4,155
Residual Fuel Oil	0	0	3,216	0	1,237	4,453
Naphtha < 400 Deg. for Petrochem. Feed. Use	98	4	29	(s)	2	133
Other Oils > 400 Deg. for Petrochem. Feed.Use	1	64	249	0	(s)	315
Special Naphthas	5	2	272	0	1	280
Lubricants	190	14	316	(s)	37	557
Wax	4	(s)	4	(s)	2	10
Petroleum Coke	170	344	2,027	(s)	2,175	4,715
Asphalt	7	42	1	1	(s)	51
Miscellaneous Products	12	(s)	26	0	3	41
Total Product Exports	544	1,818	10,819	2	5,010	18,193
Total Exports	544	3,007	10,819	2	9,346	23,718

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, October 1982
(Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	2,505	0	0	5,879	8,384
Liquefied Petroleum Gases and Ethane	55	1,414	915	0	141	2,526
Ethane	(s)	0	(s)	0	0	(s)
Propane	18	567	532	0	57	1,174
Butane	37	847	384	0	84	1,352
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	2	48	396	0	7	452
Naphtha-Type Jet Fuel	(s)	0	0	0	(s)	(s)
Kerosene-Type Jet Fuel	0	0	0	0	35	35
Kerosene	(s)	0	(s)	0	(s)	1
Distillate Fuel Oil	1	0	851	0	1,191	2,042
Residual Fuel Oil	(s)	0	4,984	0	2,265	7,249
Naphtha < 400 Deg. for Petrochem. Feed. Use	58	3	32	1	2	95
Other Oils > 400 Deg. for Petrochem. Feed.Use	1	27	843	0	1	873
Special Naphthas	3	1	90	0	2	96
Lubricants	226	17	270	1	49	563
Wax	7	(s)	8	0	2	18
Petroleum Coke	500	263	3,078	0	2,680	6,520
Asphalt	8	1	2	1	2	13
Miscellaneous Products	12	(s)	6	(s)	5	23
Total Product Exports	872	1,775	11,474	2	6,384	20,507
Total Exports	872	4,279	11,474	2	12,263	28,890

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, November 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) 1	0	1,207	0	0	6,652	7,859
Liquefied Petroleum Gases and Ethane	40	8	926	0	141	1,115
Ethane	0	0	(s)	0	0	(s)
Propane	18	3	391	0	57	469
Butane	22	5	535	0	84	646
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	(s)	51	280	0	12	343
Naphtha-Type Jet Fuel	(s)	0	0	0	0	(s)
Kerosene-Type Jet Fuel	0	0	245	0	23	269
Kerosene	(s)	(s)	0	0	(s)	1
Distillate Fuel Oil	1	(s)	304	0	410	715
Residual Fuel Oil	1	0	2,127	0	3,346	5,475
Naphtha < 400 Deg. for Petrochem. Feed. Use	47	6	16	(s)	1	71
Other Oils > 400 Deg. for Petrochem. Feed.Use	0	29	493	0	(s)	522
Special Naphthas	5	1	35	0	1	41
Lubricants	107	12	219	(s)	56	395
Wax	5	(s)	8	0	5	18
Petroleum Coke	3	522	3,486	(s)	2,705	6,716
Asphalt	4	1	(s)	1	2	8
Miscellaneous Products	17	(s)	15	(s)	3	36
Total Product Exports	231	629	8,154	2	6,708	15,723
Total Exports	231	1,836	8,154	2	13,360	23,582

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 20. Exports of Crude Oil and Petroleum Products by PAD District, December 1982 (Thousands of Barrels)

Commodity	Petroleum Administration for Defense Districts					
	I	II	III	IV	V	Total
Crude Oil (including lease condensate) [1]	0	36	0	0	5,934	5,970
Liquefied Petroleum Gases and Ethane	53	360	1,167	(s)	160	1,740
Ethane	0	0	(s)	0	0	(s)
Propane	23	142	836	(s)	64	1,065
Butane	30	218	331	(s)	96	675
Butane-Propane Mixtures	0	0	0	0	0	0
Finished Motor Gasoline	1	1	191	0	15	208
Naphtha-Type Jet Fuel	0	0	0	0	1	1
Kerosene-Type Jet Fuel	293	0	373	0	26	692
Kerosene	(s)	0	0	0	(s)	1
Distillate Fuel Oil	779	0	3,162	0	495	4,436
Residual Fuel Oil	(s)	0	3,188	0	2,584	5,771
Naphtha < 400 Deg. for Petrochem. Feed. Use	41	5	135	(s)	5	187
Other Oils > 400 Deg. for Petrochem. Feed.Use	1	16	652	0	1	670
Special Naphthas	3	2	18	(s)	1	24
Lubricants	68	11	295	(s)	63	438
Wax	5	(s)	10	0	6	21
Petroleum Coke	80	302	2,653	(s)	3,273	6,308
Asphalt	154	1	1	1	1	159
Miscellaneous Products	12	1	16	(s)	3	32
Total Product Exports	1,490	699	11,862	3	6,634	20,687
Total Exports	1,490	735	11,862	3	12,568	26,657

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, January 1982

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	0	0	0	0	0	(s)	18	(s)	50	0	(s)	68	2
Australia	0	10	0	0	0	0	10	11	(s)	2	(s)	2	35	1
Bahamas	0	(s)	(s)	1	0	300	0	2	0	0	0	(s)	303	10
Bahrain	0	1	0	0	0	0	0	(s)	0	0	0	1	2	(s)
Belgium & Luxembourg	0	(s)	0	0	0	0	1	2	(s)	471	0	1	474	15
Brazil	0	35	0	0	0	0	(s)	(s)	(s)	0	0	4	39	1
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	1,348	964	0	0	(s)	416	3	48	2	134	2	23	2,941	95
Chile	0	(s)	0	0	0	0	(s)	2	(s)	0	(s)	(s)	2	(s)
China (Taiwan)	0	(s)	0	0	0	0	0	7	(s)	1	0	1	9	(s)
Colombia	0	3	0	0	0	0	(s)	11	(s)	(s)	0	3	17	1
Costa Rica	0	(s)	0	0	0	0	(s)	1	(s)	0	(s)	(s)	1	(s)
Denmark	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Dominican Republic	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Ecuador	0	0	0	0	94	0	(s)	(s)	(s)	0	0	2	96	3
Egypt	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
El Salvador	0	(s)	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
France	0	77	0	0	0	236	0	1	2	45	(s)	279	639	21
French Pacific Isl	0	0	29	0	72	0	0	1	0	0	0	2	104	3
Ghana	0	0	0	0	0	0	0	0	0	55	0	0	55	2
Greece	0	3	0	0	0	0	0	1	0	136	0	(s)	140	5
Guatemala	0	(s)	0	0	0	0	(s)	4	(s)	0	(s)	(s)	4	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	(s)	35	0	65	0	0	(s)	(s)	0	0	(s)	101	3
Hong Kong	0	1	0	0	0	7	(s)	1	0	0	(s)	1	10	(s)
India	0	(s)	0	0	0	0	(s)	32	(s)	0	(s)	1	33	1
Indonesia	0	0	0	0	0	0	0	11	(s)	0	0	1	13	(s)
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	0	0	0	0	0	(s)	4	(s)	(s)	0	(s)	5	(s)
Italy	0	2	0	0	0	306	8	13	(s)	399	0	154	881	28
Ivory Coast	0	0	0	0	0	0	0	(s)	0	1	0	0	1	(s)
Jamaica	0	(s)	0	0	0	0	60	(s)	(s)	0	0	(s)	61	2
Japan	0	8	0	227	486	367	4	9	3	586	(s)	254	1,945	63
Jordan	0	0	0	(s)	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	0	0	0	0	810	(s)	1	(s)	1	0	61	873	28
Kuwait	0	0	0	0	0	0	0	(s)	0	1	(s)	(s)	1	(s)
Lebanon	0	(s)	0	0	0	0	0	2	0	0	0	0	2	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Mexico	0	809	463	27	75	0	1	64	2	39	1	7	1,487	48
Netherlands	0	154	0	0	899	2,455	(s)	11	(s)	288	(s)	219	4,027	130
Netherlands Antilles	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
New Zealand	0	(s)	0	0	0	0	0	1	(s)	0	0	1	2	(s)
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	0	0	0	0	0	0	17	0	0	0	(s)	17	1
Norway	0	0	0	0	433	0	0	1	0	148	0	(s)	581	19
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	1	(s)	1	(s)
Panama	0	2	0	0	255	0	(s)	8	(s)	(s)	0	1	266	9
Peru	0	0	0	0	0	0	0	1	(s)	(s)	0	1	2	(s)
Philippines	0	0	0	0	0	0	(s)	7	(s)	(s)	(s)	66	74	2
Puerto Rico	1,848	3	0	0	0	332	(s)	11	1	(s)	0	3	2,199	71

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, January 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	0	0	(s)	1	5	84	(s)	145	236	8
Saudi Arabia	0	(s)	0	0	0	0	(s)	19	0	1	(s)	4	25	1
Singapore	0	0	0	0	0	239	0	6	(s)	0	(s)	1	247	8
Spain	0	(s)	0	0	0	0	0	2	(s)	437	0	155	593	19
Surinam	0	0	0	0	0	0	0	(s)	0	16	0	(s)	16	1
Sweden	0	(s)	0	0	0	233	0	1	(s)	0	0	2	236	8
Switzerland	0	(s)	0	0	0	0	(s)	(s)	(s)	0	0	1	1	(s)
Thailand	0	0	0	0	0	0	(s)	1	(s)	(s)	(s)	107	108	3
Trinidad and Tobago	0	3	0	0	0	0	(s)	(s)	0	0	(s)	3	6	(s)
Turkey	0	0	0	0	0	0	0	10	0	0	0	0	10	(s)
United Arab Emirates	0	0	0	0	0	0	0	1	0	0	1	(s)	1	(s)
United Kingdom	0	1	0	0	25	929	(s)	9	1	18	(s)	16	999	32
U.S.S.R.	0	0	0	0	0	0	0	26	0	72	0	0	98	3
Uruguay	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Venezuela	0	10	0	0	0	0	(s)	1	(s)	46	(s)	3	59	2
Virgin Islands	3,639	0	0	0	0	0	0	(s)	0	0	0	0	3,639	117
West Germany	0	1	0	0	390	0	0	1	(s)	221	0	4	617	20
Yugoslavia	0	0	0	0	0	0	0	0	0	31	0	0	31	1
Other	548	2	35	0	0	657	(s)	8	(s)	0	(s)	1	1,252	40
Total	7,383	2,091	562	255	2,793	7,285	89	395	21	3,282	6	1,532	25,693	829

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, February 1982

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	(s)	(s)	0	(s)	(s)	1	(s)
Australia	0	(s)	0	0	212	0	2	1	(s)	193	(s)	3	411	15
Bahamas	0	1	1	(s)	0	578	(s)	3	0	0	0	(s)	582	21
Bahrain	0	0	0	0	0	0	0	(s)	0	79	0	(s)	79	3
Belgium & Luxembourg	0	1	0	0	0	0	4	10	(s)	0	(s)	1	16	1
Brazil	0	36	0	0	0	0	(s)	(s)	0	2	0	(s)	38	1
Cameroon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Canada	1,114	406	(s)	0	0	619	1	39	3	111	1	17	2,312	83
Chile	0	1	0	0	0	0	(s)	1	(s)	(s)	0	(s)	2	(s)
China (Taiwan)	0	(s)	0	0	0	261	(s)	11	(s)	(s)	(s)	1	274	10
Colombia	0	(s)	0	0	0	0	0	3	(s)	0	0	1	4	(s)
Costa Rica	0	(s)	0	0	0	0	(s)	2	(s)	0	0	(s)	3	(s)
Denmark	0	1	0	0	0	0	0	1	(s)	0	0	0	1	(s)
Dominican Republic	0	0	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
Ecuador	0	0	0	0	156	0	0	(s)	(s)	0	0	1	157	6
Egypt	0	0	0	226	0	0	0	(s)	0	0	0	(s)	227	8
El Salvador	0	0	0	0	0	0	1	2	0	0	0	(s)	3	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	2	(s)
France	0	77	0	0	0	0	0	1	1	152	(s)	3	234	8
French Pacific Isl	0	0	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
Ghana	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Greece	0	0	0	0	224	0	0	1	(s)	0	0	4	230	8
Guatemala	0	0	0	0	128	0	1	3	(s)	0	0	(s)	131	5
Guinea	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Honduras	0	0	0	0	0	0	(s)	8	(s)	(s)	0	1	9	(s)
Hong Kong	0	3	0	0	0	0	2	1	(s)	0	(s)	2	7	(s)
India	0	(s)	0	0	0	0	0	11	(s)	28	(s)	(s)	39	1
Indonesia	0	1	0	0	0	0	0	33	(s)	0	(s)	1	35	1
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	1	0	0	0	0	(s)	1	(s)	0	0	(s)	2	(s)
Italy	0	(s)	0	0	224	0	0	(s)	(s)	54	(s)	93	371	13
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Jamaica	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Japan	0	3	0	0	942	754	8	6	3	752	0	16	2,484	89
Jordan	0	0	0	0	1	0	0	1	0	0	0	0	2	(s)
Korea, Republic of	0	0	0	0	0	317	1	1	(s)	124	(s)	1	444	16
Kuwait	0	5	0	0	0	0	(s)	2	0	0	0	(s)	7	(s)
Lebanon	0	0	0	0	0	0	(s)	2	0	0	0	0	2	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	1	1	(s)	0	0	(s)	2	(s)
Mexico	0	806	221	19	0	0	5	40	2	52	1	6	1,152	41
Netherlands	0	(s)	0	0	178	2,202	7	5	(s)	229	0	37	2,657	95
Netherlands Antilles	0	1	0	0	0	0	(s)	1	0	0	0	(s)	2	(s)
New Zealand	0	1	0	0	0	0	2	7	(s)	97	0	3	111	4
Nicaragua	0	0	0	0	0	0	0	3	0	(s)	(s)	1	4	(s)
Nigeria	0	(s)	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Norway	0	0	0	0	0	0	0	(s)	0	115	0	(s)	116	4
Pacific Trust Terr.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	0	1	0	0	186	0	(s)	1	0	0	0	(s)	189	7
Peru	0	(s)	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Philippines	0	0	0	0	0	0	1	5	(s)	0	0	1	7	(s)
Puerto Rico	2,633	25	0	0	0	111	197	10	1	93	0	5	3,075	110

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, February 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	1	0	0	0	0	0	3	3	0	2	1	10	(s)
Saudi Arabia	0	(s)	0	0	0	0	(s)	12	0	0	0	3	15	1
Singapore	0	2	0	0	219	733	4	2	(s)	0	0	1	960	34
Spain	0	0	0	0	0	0	0	(s)	(s)	127	0	1	129	5
Surinam	0	0	0	0	0	0	0	1	0	20	0	(s)	21	1
Sweden	0	(s)	0	0	0	0	0	9	(s)	0	0	1	10	(s)
Switzerland	0	(s)	0	0	0	0	(s)	(s)	(s)	0	(s)	(s)	1	(s)
Thailand	0	0	0	0	0	0	1	2	0	0	(s)	(s)	3	(s)
Trinidad and Tobago	0	(s)	0	0	0	0	0	1	(s)	0	(s)	(s)	2	(s)
Turkey	0	0	0	0	0	0	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
United Kingdom	0	1	(s)	0	(s)	219	(s)	4	(s)	88	(s)	3	317	11
U.S.S.R.	0	0	0	0	0	0	0	50	0	221	0	0	271	10
Uruguay	0	0	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
Venezuela	0	12	0	0	0	0	(s)	(s)	(s)	125	(s)	3	141	5
Virgin Islands	4,774	0	0	0	0	0	0	(s)	0	0	0	0	4,774	171
West Germany	0	(s)	0	0	0	0	0	16	1	28	0	72	116	4
Yugoslavia	0	0	0	0	0	0	0	0	0	33	0	0	33	1
Other	0	35	0	0	41	179	(s)	10	(s)	0	1	3	269	10
Total	8,521	1,420	222	245	2,511	5,972	240	335	16	2,725	8	291	22,507	804

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, March 1982

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	0	0	0	0	0	(s)	13	1	51	(s)	(s)	66	2
Australia	0	1	(s)	0	0	186	11	6	(s)	247	(s)	3	454	15
Bahamas	0	2	1	(s)	(s)	0	0	1	0	0	0	(s)	4	(s)
Bahrain	0	2	0	0	0	0	(s)	(s)	0	60	0	1	64	2
Belgium & Luxembourg	0	1	(s)	0	0	0	0	60	(s)	9	(s)	(s)	70	2
Brazil	0	6	0	0	0	460	7	10	(s)	0	0	1	485	16
Cameroon	0	(s)	0	0	0	0	0	0	0	30	0	0	30	1
Canada	1,963	829	25	40	1	81	2	64	4	120	1	62	3,190	103
Chile	0	(s)	0	0	0	0	(s)	2	(s)	0	0	(s)	3	(s)
China (Taiwan)	0	4	0	0	0	0	(s)	16	(s)	1	(s)	1	23	1
Colombia	0	0	0	0	0	0	0	3	(s)	(s)	0	1	5	(s)
Costa Rica	0	1	0	0	0	0	0	2	(s)	0	0	(s)	4	(s)
Denmark	0	1	0	0	0	0	(s)	(s)	(s)	125	0	(s)	126	4
Dominican Republic	0	0	0	0	0	0	(s)	(s)	(s)	12	0	(s)	13	(s)
Ecuador	0	0	121	0	131	0	(s)	(s)	(s)	0	0	3	256	8
Egypt	0	0	0	0	0	0	0	4	0	0	0	(s)	4	(s)
El Salvador	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
France	0	335	0	0	0	0	(s)	1	1	598	0	131	1,066	34
French Pacific Isl	0	0	15	0	35	630	0	1	0	0	0	(s)	681	22
Ghana	0	0	0	0	0	0	0	(s)	0	24	0	0	24	1
Greece	0	(s)	0	0	0	0	0	1	0	0	0	0	1	(s)
Guatemala	0	0	0	0	0	0	0	3	(s)	0	0	(s)	3	(s)
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	1	(s)	(s)	0	1	2	(s)
Hong Kong	0	2	0	0	(s)	0	0	1	(s)	0	(s)	1	4	(s)
India	0	0	0	0	0	0	0	0	0	0	0	7	7	(s)
Indonesia	0	0	0	0	0	0	0	18	0	0	(s)	(s)	18	1
Iran	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Israel	0	1	0	0	0	0	(s)	1	(s)	0	(s)	6	8	(s)
Italy	0	80	0	0	0	151	0	7	1	390	0	7	635	20
Ivory Coast	0	0	0	0	0	0	0	5	0	0	(s)	0	5	(s)
Jamaica	0	0	0	0	0	0	(s)	28	(s)	0	0	(s)	28	1
Japan	0	10	0	0	487	0	9	42	2	679	(s)	32	1,262	41
Jordan	0	0	0	0	0	0	0	2	0	0	0	0	2	(s)
Korea, Republic of	0	0	0	0	452	704	(s)	4	(s)	46	3	1	1,209	39
Kuwait	0	1	0	0	0	0	(s)	1	0	0	0	(s)	2	(s)
Lebanon	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	1	(s)
Mexico	0	780	985	40	1,165	(s)	1	87	4	56	2	7	3,127	101
Netherlands	0	193	0	0	0	2,281	(s)	4	(s)	548	0	34	3,061	99
Netherlands Antilles	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
New Zealand	0	0	(s)	0	1	0	(s)	(s)	(s)	(s)	(s)	2	4	(s)
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	0	0	0	174	0	0	38	0	0	1	1	214	7
Norway	0	(s)	0	0	0	0	0	(s)	0	30	0	(s)	30	1
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Panama	0	(s)	0	0	152	177	0	52	(s)	0	(s)	(s)	383	12
Peru	0	0	0	0	0	0	0	13	0	(s)	0	(s)	14	(s)
Philippines	0	0	0	0	0	0	(s)	3	(s)	1	0	1	5	(s)
Puerto Rico	2,182	21	219	0	6	327	224	14	1	58	(s)	8	3,060	99

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, March 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	(s)	0	0	0	0	0	39	2	16	(s)	14	72	2
Saudi Arabia	0	7	0	0	(s)	0	0	20	0	(s)	2	3	32	1
Singapore	0	(s)	0	0	0	0	0	2	(s)	0	(s)	4	6	(s)
Spain	0	0	0	0	0	0	0	2	(s)	183	0	1	185	6
Surinam	0	(s)	0	0	1	0	0	0	0	16	0	(s)	16	1
Sweden	0	0	0	0	0	0	0	1	(s)	0	0	2	3	(s)
Switzerland	0	0	0	0	0	(s)	0	(s)	(s)	0	0	(s)	1	(s)
Thailand	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	7	0	(s)	0	(s)	7	(s)
Turkey	0	0	0	0	0	328	(s)	(s)	0	0	0	0	328	11
United Arab Emirates	0	0	0	0	0	0	(s)	(s)	0	58	0	(s)	58	2
United Kingdom	0	1	0	0	1	605	0	21	(s)	(s)	(s)	11	640	21
U.S.S.R.	0	0	0	0	0	0	0	58	0	0	0	0	58	2
Uruguay	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Venezuela	0	21	0	0	0	0	(s)	6	(s)	6	(s)	147	181	6
Virgin Islands	5,256	0	0	0	0	0	0	(s)	0	0	0	(s)	5,256	170
West Germany	0	0	0	0	(s)	0	0	1	18	47	(s)	11	77	2
Yugoslavia	0	5	0	0	0	0	(s)	(s)	0	0	0	(s)	5	(s)
Other	549	2	0	0	(s)	183	(s)	20	1	0	(s)	2	757	24
Total	9,950	2,308	1,367	80	2,607	6,113	256	692	36	3,411	12	512	27,343	882

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, April 1982

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	7	(s)	50	(s)	2	59	2
Australia	0	2	0	0	0	0	12	7	(s)	(s)	(s)	5	26	1
Bahamas	0	7	1	(s)	0	1,489	0	2	0	0	0	(s)	1,499	50
Bahrain	0	0	0	0	0	0	(s)	(s)	0	60	0	0	60	2
Belgium & Luxembourg	0	1	(s)	0	0	0	0	12	(s)	749	0	(s)	763	25
Brazil	0	3	0	0	0	0	(s)	5	0	23	0	1	32	1
Cameroon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Canada	757	768	1	0	0	491	3	46	3	488	1	45	2,603	87
Chile	0	(s)	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
China (Taiwan)	0	0	0	0	0	310	0	15	(s)	2	(s)	1	328	11
Colombia	0	3	0	0	(s)	0	0	13	(s)	(s)	0	1	17	1
Costa Rica	0	13	0	0	0	0	(s)	3	(s)	0	0	(s)	17	1
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	18	0	0	0	0	(s)	3	(s)	0	0	1	22	1
Ecuador	0	0	0	0	0	0	0	1	(s)	0	0	2	4	(s)
Egypt	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
El Salvador	0	(s)	0	0	0	0	0	1	(s)	0	0	1	2	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
France	0	326	0	0	(s)	0	(s)	1	1	66	0	178	572	19
French Pacific Isl	0	0	16	0	(s)	0	0	1	0	0	0	(s)	17	1
Ghana	0	0	0	0	0	0	0	(s)	0	41	0	(s)	41	1
Greece	0	3	0	0	0	0	0	1	0	0	0	1	4	(s)
Guatemala	0	42	0	0	0	0	(s)	3	1	0	0	21	67	2
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	(s)	(s)	(s)	0	(s)	1	1	(s)
Hong Kong	0	1	0	0	0	202	0	1	(s)	0	(s)	3	207	7
India	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Indonesia	0	0	0	0	(s)	0	(s)	14	(s)	0	0	(s)	15	(s)
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	(s)	0	0	0	0	0	1	0	(s)	0	(s)	1	(s)
Italy	0	158	0	0	0	0	(s)	1	(s)	268	0	193	620	21
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Jamaica	0	6	0	0	0	0	0	(s)	0	0	0	1	8	(s)
Japan	0	(s)	0	0	972	23	1	9	2	712	(s)	3	1,724	57
Jordan	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	0	0	0	66	369	(s)	2	(s)	(s)	0	(s)	438	15
Kuwait	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Lebanon	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	(s)	0	0	0	80	80	3
Mexico	0	460	399	44	829	0	9	84	(s)	75	2	13	1,914	64
Netherlands	0	35	0	0	0	1,901	5	7	(s)	469	(s)	35	2,453	82
Netherlands Antilles	0	1	0	0	(s)	0	0	1	0	0	0	(s)	2	(s)
New Zealand	0	0	0	0	0	0	1	(s)	(s)	(s)	0	1	2	(s)
Nicaragua	0	(s)	0	0	0	0	0	4	0	0	(s)	(s)	4	(s)
Nigeria	0	0	0	0	0	39	0	1	0	0	0	(s)	40	1
Norway	0	0	0	0	0	0	0	0	0	109	0	(s)	109	4
Pacific Trust Terr.	0	1	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Panama	0	1	0	0	49	0	(s)	15	0	0	0	1	66	2
Peru	0	(s)	0	0	0	0	0	3	(s)	0	(s)	(s)	3	(s)
Philippines	0	0	0	0	0	383	(s)	8	(s)	1	0	(s)	392	13
Puerto Rico	2,650	163	574	22	0	313	397	10	1	96	(s)	7	4,234	141

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, April 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	(s)	0	0	0	0	0	14	(s)	0	(s)	3	17	1
Saudi Arabia	0	13	0	0	0	0	2	24	0	0	(s)	4	43	1
Singapore	0	(s)	0	0	(s)	240	2	10	0	0	(s)	3	256	9
Spain	0	1	0	0	0	0	0	(s)	(s)	559	0	53	613	20
Surinam	0	0	0	0	0	0	0	0	0	8	0	(s)	8	(s)
Sweden	0	0	0	0	0	0	0	1	(s)	99	0	1	100	3
Switzerland	0	(s)	0	0	0	0	0	1	0	0	0	1	2	(s)
Thailand	0	(s)	0	0	0	518	0	1	0	0	(s)	2	521	17
Trinidad and Tobago	0	0	0	0	0	0	0	1	0	1	0	(s)	2	(s)
Turkey	0	197	0	0	0	0	0	(s)	0	0	0	(s)	197	7
United Arab Emirates	0	(s)	0	0	0	0	0	1	0	60	0	(s)	61	2
United Kingdom	0	2	0	0	1	734	(s)	41	(s)	36	(s)	10	826	28
U.S.S.R.	0	0	0	0	0	0	0	119	0	272	0	18	409	14
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	13	0	0	0	0	(s)	1	(s)	(s)	(s)	2	17	1
Virgin Islands	1,827	0	0	0	0	0	0	(s)	0	0	0	0	1,827	61
West Germany	0	(s)	0	0	0	0	(s)	2	(s)	135	(s)	3	141	5
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Other	0	58	0	0	(s)	0	(s)	9	(s)	0	(s)	2	69	2
Total	5,234	2,298	990	66	1,919	7,012	433	513	14	4,382	4	699	23,565	786

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, May 1982

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	2	0	41	0	(s)	43	1
Australia	0	1	0	0	0	0	(s)	3	(s)	52	(s)	2	58	2
Bahamas	0	17	1	0	0	252	0	3	0	0	0	(s)	273	9
Bahrain	0	0	0	0	0	0	0	(s)	0	61	0	(s)	61	2
Belgium & Luxembourg	0	1	0	0	0	0	(s)	8	2	427	(s)	1	439	14
Brazil	0	9	0	0	0	308	(s)	8	(s)	0	0	1	326	11
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	804	8	1	0	2	55	3	47	2	317	46	63	1,348	43
Chile	0	0	0	0	0	0	0	1	(s)	0	0	1	2	(s)
China (Taiwan)	0	(s)	0	0	0	0	0	11	(s)	69	0	2	82	3
Colombia	0	5	0	0	0	0	1	2	(s)	0	0	3	11	(s)
Costa Rica	0	14	0	0	0	0	(s)	5	(s)	0	(s)	3	22	1
Denmark	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Dominican Republic	0	59	0	0	0	0	0	(s)	(s)	0	0	(s)	60	2
Ecuador	0	42	0	0	0	0	(s)	(s)	(s)	0	0	(s)	43	1
Egypt	0	0	0	0	0	0	0	(s)	0	0	0	1	1	(s)
El Salvador	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	2	(s)	0	0	1	3	(s)
France	0	(s)	1	0	0	0	(s)	1	1	35	0	56	94	3
French Pacific Isl	0	0	12	0	60	0	0	1	0	0	0	0	73	2
Ghana	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greece	0	(s)	0	0	0	0	0	(s)	0	77	0	0	78	3
Guatemala	0	20	0	0	0	0	1	3	1	0	0	(s)	26	1
Guinea	0	1	0	0	0	0	(s)	1	0	0	0	0	2	(s)
Honduras	0	(s)	0	0	0	0	0	8	0	0	(s)	(s)	8	(s)
Hong Kong	0	2	0	0	(s)	0	0	1	(s)	0	(s)	(s)	4	(s)
India	0	0	0	0	0	0	0	(s)	(s)	0	(s)	5	5	(s)
Indonesia	0	0	0	0	(s)	0	(s)	9	(s)	0	0	(s)	10	(s)
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	(s)	0	0	0	0	0	(s)	0	(s)	0	(s)	1	(s)
Italy	0	141	0	0	0	425	3	1	(s)	487	0	255	1,311	42
Ivory Coast	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Jamaica	0	5	0	0	0	0	0	1	0	0	(s)	(s)	7	(s)
Japan	0	49	0	0	114	743	5	40	3	807	0	12	1,774	57
Jordan	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Korea, Republic of	0	0	0	0	0	1,298	(s)	3	(s)	1	0	3	1,305	42
Kuwait	0	0	0	0	0	0	(s)	4	0	0	0	(s)	4	(s)
Lebanon	0	(s)	0	0	0	0	0	1	0	0	0	0	1	(s)
Liberia	0	0	0	0	0	0	(s)	1	0	0	0	(s)	2	(s)
Malaysia	0	0	0	0	(s)	0	0	1	0	0	(s)	(s)	1	(s)
Mexico	0	612	702	28	1,417	0	1	105	2	46	1	8	2,922	94
Netherlands	0	180	0	0	183	1,446	3	1	1	997	(s)	180	2,990	96
Netherlands Antilles	0	(s)	0	0	0	0	(s)	2	0	0	0	0	2	(s)
New Zealand	0	1	0	0	0	0	(s)	1	(s)	115	0	(s)	117	4
Nicaragua	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Nigeria	0	0	0	0	0	0	2	(s)	0	0	0	1	3	(s)
Norway	0	0	0	0	0	0	0	(s)	(s)	80	0	0	80	3
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	(s)	0	0	0	465	0	5	(s)	(s)	(s)	(s)	471	15
Peru	0	0	0	(s)	(s)	0	0	48	(s)	0	0	2	50	2
Philippines	0	0	0	0	0	262	(s)	6	(s)	0	0	1	270	9
Puerto Rico	2,161	137	0	0	0	462	1	19	1	0	(s)	9	2,790	90

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, May 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	0	0	(s)	1	4	0	(s)	157	163	5
Saudi Arabia	0	1	0	0	0	0	(s)	33	0	0	0	7	42	1
Singapore	0	1	0	0	538	0	2	3	(s)	15	(s)	2	561	18
Spain	0	(s)	0	0	0	0	0	1	(s)	568	0	116	685	22
Surinam	0	0	0	0	0	0	0	(s)	0	11	0	(s)	11	(s)
Sweden	0	0	0	0	0	199	0	2	(s)	0	(s)	2	203	7
Switzerland	0	(s)	0	0	0	0	0	1	(s)	0	0	3	4	(s)
Thailand	0	(s)	0	0	0	0	0	1	(s)	(s)	0	2	3	(s)
Trinidad and Tobago	0	0	0	0	0	0	(s)	5	0	0	0	(s)	6	(s)
Turkey	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
United Arab Emirates	0	1	0	0	0	0	(s)	1	0	0	0	5	6	(s)
United Kingdom	0	(s)	0	0	(s)	0	(s)	10	1	186	(s)	4	201	6
U.S.S.R.	0	0	0	0	0	0	0	129	0	73	0	18	220	7
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	17	0	0	0	0	2	(s)	(s)	6	0	1	28	1
Virgin Islands	4,582	(s)	0	0	0	0	0	(s)	0	0	0	0	4,582	148
West Germany	0	2	(s)	0	0	0	(s)	7	(s)	222	0	162	394	13
Yugoslavia	0	0	0	0	0	0	0	(s)	0	44	0	(s)	44	1
Other	564	9	0	0	0	0	(s)	4	(s)	0	(s)	2	579	19
Total	8,111	1,338	717	28	2,315	5,915	24	560	20	4,735	50	1,095	24,908	803

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, June 1982

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	0	12	(s)	0	0	0	12	(s)
Australia	0	2	0	0	0	0	0	7	(s)	111	0	195	316	11
Bahamas	0	5	2	0	0	1,264	0	1	0	0	1	(s)	1,274	42
Bahrain	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Belgium & Luxembourg	0	(s)	0	0	0	0	(s)	2	(s)	425	0	2	429	14
Brazil	0	(s)	0	0	0	1,035	0	2	(s)	0	0	1	1,038	35
Cameroon	0	0	0	0	0	0	0	(s)	0	30	(s)	0	30	1
Canada	61	1,802	0	0	2	218	3	54	2	247	19	46	2,455	82
Chile	0	98	0	0	(s)	0	1	1	(s)	0	(s)	1	101	3
China (Taiwan)	0	(s)	0	0	0	386	(s)	12	(s)	(s)	(s)	3	403	13
Colombia	0	6	0	0	0	0	(s)	2	(s)	(s)	(s)	1	10	(s)
Costa Rica	0	0	0	0	0	0	(s)	6	(s)	0	(s)	1	6	(s)
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	20	0	0	0	0	(s)	(s)	(s)	22	0	(s)	43	1
Ecuador	0	15	0	0	0	0	(s)	2	(s)	0	(s)	2	19	1
Egypt	0	0	0	0	0	0	0	1	0	0	0	1	1	(s)
El Salvador	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
France	0	55	0	0	0	0	(s)	1	1	307	(s)	149	513	17
French Pacific Isl	0	0	0	0	10	18	0	1	0	0	0	2	30	1
Ghana	0	0	0	0	(s)	0	0	(s)	0	61	0	(s)	61	2
Greece	0	2	0	0	0	0	0	1	(s)	0	0	(s)	2	(s)
Guatemala	0	63	0	0	(s)	0	(s)	3	1	0	0	(s)	68	2
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	(s)	(s)	0	0	0	0	8	(s)	0	0	(s)	9	(s)
Hong Kong	0	1	0	0	0	0	(s)	(s)	1	0	(s)	1	4	(s)
India	0	0	0	0	194	0	0	(s)	(s)	0	0	(s)	195	6
Indonesia	0	1	0	0	0	0	(s)	12	(s)	84	(s)	(s)	97	3
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	(s)	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Italy	0	2	0	0	7	871	(s)	1	(s)	864	0	139	1,884	63
Ivory Coast	0	0	0	0	0	0	0	9	0	0	0	(s)	9	(s)
Jamaica	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Japan	0	3	0	0	324	0	14	7	2	833	(s)	30	1,213	40
Jordan	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	1	0	0	95	490	(s)	2	(s)	(s)	1	1	591	20
Kuwait	0	0	0	0	0	0	0	(s)	0	0	0	1	2	(s)
Lebanon	0	(s)	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	1	1	(s)
Malaysia	0	0	0	0	(s)	0	0	(s)	0	26	0	(s)	26	1
Mexico	0	669	226	38	248	0	4	156	3	40	1	7	1,390	46
Netherlands	0	258	0	0	(s)	129	1	10	1	711	(s)	93	1,204	40
Netherlands Antilles	0	2	0	0	(s)	127	0	1	(s)	0	0	(s)	131	4
New Zealand	0	0	0	0	0	0	(s)	(s)	(s)	(s)	0	(s)	1	(s)
Nicaragua	0	1	0	0	0	0	0	(s)	0	0	0	(s)	2	(s)
Nigeria	0	0	0	0	0	0	0	37	0	0	(s)	1	38	1
Norway	0	0	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	(s)	0	0	23	0	0	7	(s)	0	(s)	1	31	1
Peru	0	19	0	0	0	0	(s)	1	(s)	0	0	(s)	21	1
Philippines	0	(s)	0	40	0	0	3	(s)	(s)	0	0	1	45	2
Puerto Rico	2,481	126	203	0	0	726	147	19	1	10	(s)	10	3,723	124

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, June 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	(s)	0	0	0	0	0	10	4	111	0	2	127	4
Saudi Arabia	0	9	0	0	0	0	(s)	19	0	(s)	0	2	31	1
Singapore	0	2	0	0	200	0	0	1	(s)	(s)	(s)	1	204	7
Spain	0	(s)	0	0	0	0	0	2	(s)	343	0	152	496	17
Surinam	0	0	0	0	0	0	0	(s)	0	22	0	0	22	1
Sweden	0	0	0	0	(s)	218	(s)	2	(s)	305	(s)	1	526	18
Switzerland	0	1	0	0	200	494	(s)	1	(s)	0	0	1	697	23
Thailand	0	0	0	0	0	0	0	2	(s)	14	0	1	17	1
Trinidad and Tobago	0	4	0	0	0	0	0	7	0	1	0	(s)	12	(s)
Turkey	0	0	0	0	0	0	(s)	0	0	0	0	0	(s)	(s)
United Arab Emirates	0	0	0	0	0	0	(s)	2	0	57	0	(s)	60	2
United Kingdom	0	1	1	0	(s)	0	(s)	3	1	36	0	3	44	1
U.S.S.R.	0	0	0	0	0	0	0	63	0	0	0	(s)	64	2
Uruguay	0	0	0	0	0	0	0	1	0	0	(s)	(s)	2	(s)
Venezuela	0	1	0	0	0	0	(s)	2	(s)	12	(s)	3	19	1
Virgin Islands	0	1	0	0	346	0	0	(s)	0	0	0	0	347	12
West Germany	0	19	0	0	0	0	0	3	(s)	103	0	5	130	4
Yugoslavia	0	0	0	0	0	0	0	0	0	30	0	0	30	1
Other	277	3	0	0	0	540	(s)	8	(s)	0	(s)	3	831	28
Total	2,819	3,192	431	78	1,650	6,516	178	510	20	4,807	25	866	21,093	703

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, July 1982

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	1	0	0	0	0	0	7	(s)	0	0	(s)	8	(s)
Australia	0	2	0	0	0	85	6	12	(s)	1	(s)	119	225	7
Bahamas	0	35	(s)	0	(s)	948	(s)	1	0	0	0	(s)	986	32
Bahrain	0	(s)	0	0	0	0	0	(s)	0	63	0	(s)	63	2
Belgium & Luxembourg	0	1	0	0	0	0	0	8	(s)	671	0	(s)	680	22
Brazil	0	0	0	0	(s)	0	8	10	0	95	0	(s)	113	4
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	949	14	(s)	0	0	109	2	59	2	244	45	81	1,505	49
Chile	0	(s)	0	0	(s)	0	0	18	(s)	1	(s)	1	21	1
China (Taiwan)	0	(s)	0	0	0	0	0	9	0	(s)	0	1	10	(s)
Colombia	0	5	0	0	0	0	(s)	8	(s)	0	0	1	14	(s)
Costa Rica	0	23	0	0	0	0	(s)	3	(s)	0	0	(s)	27	1
Denmark	0	1	0	0	0	0	0	(s)	(s)	112	0	(s)	114	4
Dominican Republic	0	21	0	0	0	0	0	1	(s)	0	0	(s)	22	1
Ecuador	0	0	0	0	0	0	(s)	3	(s)	(s)	0	1	4	(s)
Egypt	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
El Salvador	0	0	0	0	0	0	1	1	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	95	0	(s)	95	3
France	0	22	0	0	0	420	(s)	22	1	111	(s)	2	577	19
French Pacific Isl	0	0	26	0	50	26	(s)	(s)	0	0	(s)	(s)	102	3
Ghana	0	0	0	0	0	0	0	4	0	29	0	(s)	33	1
Greece	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Guatemala	0	20	0	0	(s)	0	(s)	4	1	0	(s)	1	25	1
Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	(s)	0	0	0	0	1	(s)	0	0	0	(s)	2	(s)
Hong Kong	0	1	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
India	0	0	0	0	0	0	0	17	(s)	0	0	8	26	1
Indonesia	0	0	0	0	(s)	0	0	8	0	0	0	1	8	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	0	(s)	(s)	(s)	0	(s)	(s)	(s)
Italy	0	100	0	0	0	366	0	1	(s)	799	(s)	119	1,385	45
Ivory Coast	0	0	0	0	0	0	0	0	0	0	(s)	0	(s)	(s)
Jamaica	0	0	0	0	0	0	(s)	34	(s)	0	(s)	(s)	35	1
Japan	0	5	(s)	0	334	522	6	5	2	534	(s)	3	1,413	46
Jordan	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	0	0	0	0	0	1	2	1	(s)	2	1	6	(s)
Kuwait	0	(s)	0	0	0	0	0	2	(s)	0	0	(s)	2	(s)
Lebanon	0	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	(s)	0	1	0	0	0	0	1	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	661	732	32	352	0	13	101	2	39	(s)	9	1,941	63
Netherlands	0	182	0	0	0	1,602	7	1	(s)	803	(s)	49	2,645	85
Netherlands Antilles	0	(s)	0	0	1	413	(s)	(s)	(s)	0	0	(s)	415	13
New Zealand	0	(s)	0	0	0	0	4	5	(s)	(s)	0	3	12	(s)
Nicaragua	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Nigeria	0	0	0	0	0	0	0	1	(s)	0	(s)	0	1	(s)
Norway	0	1	0	0	0	0	0	(s)	(s)	195	0	1	197	6
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	0	0	0	0	0	(s)	2	(s)	0	0	(s)	2	(s)
Peru	0	0	0	0	0	0	0	3	(s)	0	0	(s)	4	(s)
Philippines	0	1	0	0	0	0	(s)	8	(s)	0	0	2	10	(s)
Puerto Rico	2,045	6	0	0	0	627	1	9	1	20	(s)	8	2,717	88

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, July 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	(s)	0	0	0	0	(s)	22	3	0	(s)	3	29	1
Saudi Arabia	0	4	0	0	0	5	0	23	(s)	2	(s)	3	38	1
Singapore	0	1	0	0	0	1,353	(s)	6	(s)	0	(s)	4	1,363	44
Spain	0	1	0	0	0	786	0	10	(s)	429	0	1	1,227	40
Surinam	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Sweden	0	12	0	0	0	144	0	7	(s)	0	0	1	164	5
Switzerland	0	(s)	0	0	0	(s)	0	1	0	0	0	1	2	(s)
Thailand	0	(s)	0	0	0	0	0	2	(s)	20	(s)	100	122	4
Trinidad and Tobago	0	(s)	0	0	0	0	0	4	0	0	0	(s)	4	(s)
Turkey	0	0	0	0	0	0	(s)	4	(s)	0	0	0	4	(s)
United Arab Emirates	0	2	0	0	0	0	0	1	0	0	0	(s)	3	(s)
United Kingdom	0	2	0	0	1	0	4	11	(s)	91	(s)	1	111	4
U.S.S.R.	0	0	0	0	0	(s)	0	40	0	0	0	0	40	1
Uruguay	0	(s)	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	0	0	0	0	0	1	1	(s)	(s)	(s)	2	5	(s)
Virgin Islands	3,830	17	0	0	0	0	0	0	0	14	0	2	3,864	125
West Germany	0	1	0	0	0	0	(s)	6	22	108	0	93	230	7
Yugoslavia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Other	281	9	0	0	0	0	(s)	12	(s)	0	1	2	305	10
Total	7,105	1,154	758	32	738	7,406	56	528	37	4,477	51	629	22,972	741

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, August 1982
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	(s)	0	0	0	0	(s)	12	(s)	51	0	148	211	7
Australia	0	2	0	0	0	0	6	2	(s)	91	(s)	2	103	3
Bahamas	0	19	1	0	1	1,174	0	1	0	0	0	(s)	1,196	39
Bahrain	0	1	0	0	0	0	(s)	(s)	0	0	0	(s)	2	(s)
Belgium & Luxembourg	0	1	0	0	0	0	0	2	(s)	559	(s)	3	564	18
Brazil	0	4	0	0	0	0	(s)	(s)	(s)	22	0	59	86	3
Cameroon	0	0	0	0	0	0	0	0	(s)	30	0	(s)	30	1
Canada	1,151	782	0	0	(s)	385	4	59	3	55	44	70	2,553	82
Chile	0	(s)	0	0	0	243	(s)	2	(s)	(s)	(s)	1	246	8
China (Taiwan)	0	1	0	0	0	0	0	11	(s)	(s)	0	1	12	(s)
Colombia	0	0	0	0	0	0	0	3	(s)	(s)	(s)	1	5	(s)
Costa Rica	0	7	0	0	0	0	(s)	5	(s)	0	0	1	13	(s)
Denmark	0	1	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Dominican Republic	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Ecuador	0	149	0	0	0	0	(s)	1	(s)	0	0	1	152	5
Egypt	0	21	0	0	0	0	0	(s)	0	44	(s)	(s)	65	2
El Salvador	0	0	0	0	0	0	0	2	(s)	0	(s)	(s)	2	(s)
Finland	0	(s)	0	0	0	0	0	1	0	0	0	(s)	1	(s)
France	0	99	0	0	0	0	(s)	1	2	120	0	3	225	7
French Pacific Isl	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Ghana	0	0	0	0	0	0	0	0	0	56	0	0	56	2
Greece	0	(s)	0	0	0	0	0	(s)	0	76	0	(s)	76	2
Guatemala	0	(s)	0	0	0	0	0	6	1	0	0	(s)	7	(s)
Guinea	0	1	0	0	0	0	(s)	1	0	0	0	0	2	(s)
Honduras	0	(s)	0	0	0	0	0	8	(s)	0	0	(s)	8	(s)
Hong Kong	0	2	0	0	0	0	(s)	1	(s)	0	(s)	2	6	(s)
India	0	(s)	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Indonesia	0	0	0	0	(s)	0	0	16	0	0	0	1	17	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	3	0	0	0	0	0	(s)	(s)	0	0	(s)	4	(s)
Italy	0	0	0	0	0	0	3	1	1	301	(s)	(s)	305	10
Ivory Coast	0	0	0	0	0	0	0	4	0	0	0	(s)	4	(s)
Jamaica	0	(s)	0	0	0	0	0	(s)	0	0	0	1	2	(s)
Japan	0	10	(s)	0	742	1,293	4	6	1	1,442	(s)	21	3,520	114
Jordan	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Korea, Republic of	0	0	0	0	35	1,191	(s)	1	(s)	121	12	1	1,362	44
Kuwait	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Lebanon	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Liberia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaysia	0	0	0	0	(s)	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	290	494	32	202	0	7	53	3	41	(s)	3	1,125	36
Netherlands	0	427	0	0	0	451	3	28	(s)	520	0	112	1,542	50
Netherlands Antilles	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
New Zealand	0	1	0	0	0	0	0	(s)	(s)	76	(s)	(s)	77	2
Nicaragua	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Nigeria	0	0	0	0	0	0	0	41	0	0	(s)	(s)	41	1
Norway	0	0	0	0	0	(s)	0	(s)	0	0	0	(s)	1	(s)
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Panama	0	15	0	0	7	68	0	8	(s)	0	0	1	100	3
Peru	0	0	0	0	(s)	0	(s)	2	(s)	0	0	1	3	(s)
Philippines	0	0	0	0	0	0	(s)	1	(s)	(s)	0	66	68	2
Puerto Rico	1,831	17	0	0	0	658	(s)	10	1	0	0	9	2,526	81

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, August 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	229	0	0	46	5	20	(s)	152	454	15
Saudi Arabia	0	1	0	0	(s)	0	(s)	35	0	1	0	2	38	1
Singapore	0	(s)	0	0	25	1,234	0	3	0	0	(s)	1	1,262	41
Spain	0	1	0	0	0	0	0	(s)	(s)	587	0	2	590	19
Surinam	0	0	0	0	0	0	0	1	0	24	0	(s)	24	1
Sweden	0	(s)	0	0	0	0	0	1	(s)	0	(s)	2	4	(s)
Switzerland	0	(s)	0	0	0	275	0	(s)	(s)	0	(s)	1	277	9
Thailand	0	0	0	0	0	0	1	2	(s)	0	0	1	4	(s)
Trinidad and Tobago	0	0	0	0	0	0	0	12	0	0	0	(s)	12	(s)
Turkey	0	0	0	0	0	0	0	5	0	0	0	(s)	5	(s)
United Arab Emirates	0	1	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
United Kingdom	0	3	(s)	0	(s)	307	0	11	(s)	147	0	2	470	15
U.S.S.R.	0	0	0	0	0	0	0	109	0	0	0	0	109	4
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	5	0	0	0	0	6	1	(s)	100	(s)	143	255	8
Virgin Islands	5,308	1	0	0	0	0	0	(s)	0	0	0	0	5,309	171
West Germany	0	2	0	0	0	0	0	1	(s)	250	(s)	38	292	9
Yugoslavia	0	0	0	0	0	0	(s)	0	0	11	0	0	11	(s)
Other	1,129	10	0	0	0	0	(s)	4	(s)	0	1	1	1,145	37
Total	9,419	1,876	495	32	1,242	7,280	34	526	21	4,745	58	857	26,586	858

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, September 1982
(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	11	0	0	0	0	(s)	7	(s)	54	0	1	73	2
Australia	0	(s)	0	0	0	0	3	12	(s)	48	(s)	3	67	2
Bahamas	0	8	1	0	50	790	0	2	0	0	0	(s)	851	28
Bahrain	0	0	0	0	0	0	(s)	(s)	0	61	(s)	0	61	2
Belgium & Luxembourg	0	1	0	0	0	0	4	3	(s)	396	(s)	3	406	14
Brazil	0	416	0	0	(s)	0	(s)	14	(s)	0	0	(s)	431	14
Cameroon	0	(s)	7	0	0	0	0	(s)	0	30	0	0	37	1
Canada	1,188	1,354	0	0	(s)	529	3	51	2	317	43	102	3,589	120
Chile	0	(s)	0	0	(s)	0	(s)	5	(s)	(s)	0	1	7	(s)
China (Taiwan)	0	1	0	0	0	0	15	9	(s)	(s)	0	1	27	1
Colombia	0	0	0	0	100	0	(s)	14	(s)	(s)	0	1	115	4
Costa Rica	0	(s)	0	0	0	20	(s)	6	(s)	0	0	(s)	27	1
Denmark	0	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)
Dominican Republic	0	0	0	0	0	0	(s)	2	0	0	0	(s)	2	(s)
Ecuador	0	22	0	0	120	0	(s)	4	(s)	0	1	34	179	6
Egypt	0	(s)	0	0	0	0	(s)	(s)	0	0	0	0	(s)	(s)
El Salvador	0	1	0	0	0	0	(s)	3	(s)	0	0	(s)	4	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
France	0	0	0	0	917	0	(s)	8	1	376	0	87	1,389	46
French Pacific Isl	0	0	14	0	(s)	0	0	0	0	0	0	0	14	(s)
Ghana	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Greece	0	2	0	222	518	0	0	2	0	0	0	(s)	743	25
Guatemala	0	0	0	0	0	0	0	7	(s)	0	0	1	8	(s)
Guinea	0	0	0	0	0	0	(s)	1	0	0	0	0	1	(s)
Honduras	0	(s)	0	0	0	0	0	1	0	0	(s)	1	2	(s)
Hong Kong	0	1	0	0	0	0	(s)	2	(s)	0	(s)	1	4	(s)
India	0	(s)	0	0	0	0	0	27	(s)	0	0	7	34	1
Indonesia	0	0	0	0	0	0	0	12	0	0	0	(s)	12	(s)
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	(s)	(s)	0	0	0	10	11	(s)
Italy	0	1	0	0	134	0	(s)	1	(s)	276	0	2	414	14
Ivory Coast	0	0	0	0	0	0	0	0	0	0	(s)	(s)	(s)	(s)
Jamaica	0	(s)	0	0	0	0	0	34	0	0	0	(s)	34	1
Japan	0	7	0	0	714	254	4	21	2	1,388	0	3	2,393	80
Jordan	0	0	0	0	(s)	0	0	2	0	0	0	(s)	2	(s)
Korea, Republic of	0	(s)	0	0	85	648	(s)	6	(s)	(s)	5	2	747	25
Kuwait	0	1	0	0	0	0	0	4	0	0	0	1	5	(s)
Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Malaysia	0	0	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
Mexico	0	664	630	41	0	0	3	89	(s)	14	(s)	1	1,443	48
Netherlands	0	(s)	0	0	502	1,264	6	3	(s)	947	0	124	2,846	95
Netherlands Antilles	0	(s)	0	0	1	231	(s)	1	0	0	0	(s)	233	8
New Zealand	0	(s)	0	0	0	0	1	3	(s)	(s)	0	(s)	5	(s)
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	(s)	0	0	0	0	0	1	0	0	0	1	2	(s)
Norway	0	1	0	0	662	0	0	(s)	(s)	0	0	1	664	22
Pacific Trust Terr.	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Panama	0	2	0	0	6	22	(s)	3	(s)	0	0	1	34	1
Peru	0	0	0	0	0	0	(s)	39	(s)	0	0	1	40	1
Philippines	0	0	0	0	0	0	(s)	6	(s)	0	0	1	6	(s)
Puerto Rico	1,979	10	0	0	9	265	227	9	1	40	(s)	7	2,546	85

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, September 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	0	0	(s)	22	(s)	(s)	(s)	2	26	1
Saudi Arabia	0	1	0	0	0	0	1	19	0	(s)	0	3	24	1
Singapore	0	(s)	0	0	114	430	8	1	(s)	0	(s)	1	554	18
Spain	0	(s)	0	0	0	0	0	(s)	(s)	491	0	17	508	17
Surinam	0	(s)	0	0	0	0	(s)	(s)	(s)	0	0	(s)	(s)	(s)
Sweden	0	0	0	0	0	0	0	9	(s)	0	0	1	10	(s)
Switzerland	0	0	0	0	0	0	(s)	(s)	(s)	0	0	1	1	(s)
Thailand	0	0	0	0	0	0	(s)	1	(s)	0	0	1	2	(s)
Trinidad and Tobago	0	(s)	0	0	0	0	0	(s)	0	1	0	(s)	1	(s)
Turkey	0	(s)	0	0	0	0	0	1	(s)	0	0	(s)	1	(s)
United Arab Emirates	0	1	0	0	0	0	(s)	2	0	58	0	(s)	61	2
United Kingdom	0	4	0	0	152	0	(s)	43	(s)	0	(s)	63	262	9
U.S.S.R.	0	0	0	0	0	0	0	19	0	0	0	12	31	1
Uruguay	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Venezuela	0	11	0	0	0	0	1	3	(s)	1	(s)	4	20	1
Virgin Islands	1,798	1	0	0	0	0	0	(s)	0	0	0	0	1,799	60
West Germany	0	1	0	0	1	0	0	15	(s)	216	0	13	246	8
Yugoslavia	0	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)
Other	559	13	0	0	70	0	2	8	(s)	0	(s)	3	656	22
Total	5,524	2,538	651	263	4,155	4,453	280	557	10	4,715	51	520	23,718	791

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, October 1982

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	0	0	0	0	0	0	12	(s)	0	0	(s)	12	(s)
Australia	0	1	0	0	0	0	0	2	(s)	117	(s)	2	123	4
Bahamas	0	1	2	(s)	(s)	370	0	3	0	0	(s)	50	426	14
Bahrain	0	2	0	0	0	0	0	(s)	0	0	(s)	(s)	2	(s)
Belgium & Luxembourg	0	1	0	0	0	0	(s)	28	(s)	212	(s)	1	243	8
Brazil	0	142	0	0	0	0	0	(s)	0	0	0	1	144	5
Cameroon	0	0	0	0	0	3	0	(s)	0	0	0	0	3	(s)
Canada	2,505	1,432	48	0	0	301	3	50	3	277	2	54	4,675	151
Chile	0	0	0	0	0	188	(s)	1	(s)	(s)	0	1	190	6
China (Taiwan)	0	2	0	0	0	0	(s)	10	(s)	(s)	0	1	13	(s)
Colombia	0	(s)	0	0	0	0	(s)	6	(s)	0	0	2	9	(s)
Costa Rica	0	12	0	0	0	0	(s)	5	(s)	0	0	(s)	17	1
Denmark	0	(s)	0	0	0	0	0	(s)	(s)	109	0	0	110	4
Dominican Republic	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Ecuador	0	35	52	0	0	0	0	(s)	(s)	0	0	1	88	3
Egypt	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
El Salvador	0	(s)	0	0	0	0	0	1	0	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
France	0	58	0	0	384	539	9	(s)	1	730	0	214	1,936	62
French Pacific Isl	0	0	0	0	68	319	0	(s)	0	0	(s)	0	387	12
Ghana	0	0	0	0	0	0	0	(s)	0	26	0	0	26	1
Greece	0	2	0	0	0	0	0	1	0	0	0	(s)	3	(s)
Guatemala	0	0	0	0	0	0	0	5	2	(s)	0	(s)	7	(s)
Guinea	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Honduras	0	(s)	(s)	0	0	0	0	7	(s)	0	0	(s)	7	(s)
Hong Kong	0	(s)	0	0	0	0	(s)	2	(s)	0	(s)	(s)	2	(s)
India	0	(s)	0	0	0	0	0	1	(s)	0	0	3	5	(s)
Indonesia	0	(s)	0	0	(s)	0	(s)	15	(s)	0	(s)	1	16	1
Iran	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Israel	0	0	0	0	0	0	(s)	1	(s)	0	0	(s)	1	(s)
Italy	0	87	0	0	0	589	(s)	1	(s)	513	0	430	1,619	52
Ivory Coast	0	0	0	0	0	0	(s)	(s)	0	(s)	(s)	0	1	(s)
Jamaica	0	(s)	0	0	0	0	(s)	(s)	0	0	(s)	1	1	(s)
Japan	0	14	0	0	78	434	7	80	2	1,538	(s)	5	2,156	70
Jordan	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Korea, Republic of	0	1	0	0	86	229	0	1	(s)	81	7	3	408	13
Kuwait	0	0	0	0	0	0	0	2	0	0	0	1	2	(s)
Lebanon	0	0	0	0	0	0	0	1	0	0	0	0	1	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	324	350	36	0	234	3	33	(s)	14	0	1	995	32
Netherlands	0	132	0	0	20	1,455	3	17	(s)	725	(s)	24	2,376	77
Netherlands Antilles	0	1	0	0	15	818	0	1	0	0	0	0	835	27
New Zealand	0	(s)	0	0	165	0	0	1	(s)	95	(s)	1	262	8
Nicaragua	0	(s)	0	0	0	0	0	0	0	0	0	0	(s)	(s)
Nigeria	0	(s)	0	0	0	0	0	2	(s)	0	0	(s)	3	(s)
Norway	0	0	0	0	0	0	0	(s)	0	130	0	1	131	4
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	1	(s)	1	(s)
Panama	0	0	0	0	90	431	(s)	2	(s)	0	0	(s)	524	17
Peru	0	(s)	0	0	0	0	0	1	(s)	0	0	1	2	(s)
Philippines	0	1	0	0	0	0	(s)	6	(s)	0	0	1	8	(s)
Puerto Rico	2,016	11	0	0	(s)	489	59	12	1	0	(s)	9	2,598	84

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, October 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubri-cants	Wax	Petro-leum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	0	0	(s)	1	2	0	(s)	1	5	(s)
Saudi Arabia	0	1	0	0	(s)	0	(s)	21	0	0	1	2	26	1
Singapore	0	2	0	0	0	631	(s)	3	(s)	0	(s)	(s)	637	21
Spain	0	0	0	0	443	0	0	(s)	(s)	1,490	0	1	1,935	62
Surinam	0	0	0	0	0	0	0	(s)	0	10	0	(s)	10	(s)
Sweden	0	97	0	0	431	0	0	2	(s)	81	0	57	668	22
Switzerland	0	2	0	0	262	0	(s)	1	(s)	0	0	(s)	264	9
Thailand	0	0	0	0	0	0	(s)	3	0	0	0	(s)	3	(s)
Trinidad and Tobago	0	(s)	0	0	0	(s)	10	14	(s)	0	0	(s)	24	1
Turkey	0	0	0	0	0	0	0	0	0	0	0	0	0	0
United Arab Emirates	0	(s)	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
United Kingdom	0	3	0	0	(s)	220	0	86	(s)	151	0	(s)	460	15
U.S.S.R.	0	0	0	0	0	0	0	106	0	33	0	14	153	5
Uruguay	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Venezuela	0	3	(s)	0	0	0	(s)	1	1	78	(s)	2	86	3
Virgin Islands	3,300	0	0	0	0	0	0	0	0	0	0	0	3,300	106
West Germany	0	0	0	0	0	0	0	1	1	69	0	99	170	5
Yugoslavia	0	0	0	0	0	0	0	1	0	39	0	(s)	40	1
Other	563	157	(s)	0	0	(s)	(s)	8	(s)	0	(s)	3	731	24
Total	8,384	2,526	452	36	2,042	7,249	96	563	18	6,520	13	991	28,890	932

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[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, November 1982

(Thousands of Barrels)

Destination	Crude Oil 1	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	84	0	0	(s)	0	(s)	12	(s)	0	(s)	(s)	97	3
Australia	0	2	(s)	0	0	0	10	23	(s)	52	(s)	4	91	3
Bahamas	0	7	(s)	0	(s)	194	(s)	2	0	0	0	(s)	203	7
Bahrain	0	0	0	0	0	0	0	(s)	0	61	0	0	61	2
Belgium & Luxembourg	0	1	0	0	0	0	4	16	(s)	1,235	(s)	1	1,258	42
Brazil	0	80	0	0	0	0	0	(s)	(s)	19	0	1	100	3
Cameroon	0	0	0	0	0	0	0	0	0	30	0	0	30	1
Canada	1,207	13	51	0	(s)	323	3	47	2	663	5	51	2,365	79
Chile	0	1	0	0	0	0	(s)	17	(s)	(s)	(s)	(s)	19	1
China (Taiwan)	0	(s)	0	0	0	0	4	12	(s)	(s)	0	(s)	17	1
Colombia	0	0	0	0	0	0	2	2	(s)	(s)	0	4	9	(s)
Costa Rica	0	10	0	0	0	0	(s)	3	(s)	0	(s)	(s)	13	(s)
Denmark	0	1	0	0	0	0	0	(s)	0	(s)	0	(s)	2	(s)
Dominican Republic	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)	(s)
Ecuador	0	0	0	0	0	0	(s)	1	(s)	0	0	2	3	(s)
Egypt	0	1	0	0	0	0	0	1	(s)	0	0	(s)	2	(s)
El Salvador	0	(s)	0	0	0	0	(s)	2	(s)	0	0	(s)	2	(s)
Finland	0	0	0	0	0	0	0	(s)	(s)	0	0	1	1	(s)
France	0	2	0	0	0	0	0	1	1	245	0	67	315	10
French Pacific Isl	0	0	0	0	29	13	0	(s)	0	0	0	0	42	1
Ghana	0	0	0	0	0	0	0	(s)	0	33	0	(s)	33	1
Greece	0	(s)	0	0	0	0	0	(s)	0	0	0	1	2	(s)
Guatemala	0	(s)	0	0	0	0	(s)	2	3	0	0	(s)	5	(s)
Guinea	0	0	0	0	0	0	(s)	(s)	0	0	0	0	(s)	(s)
Honduras	0	0	(s)	0	0	0	1	7	(s)	0	0	(s)	9	(s)
Hong Kong	0	5	0	0	0	0	0	1	(s)	0	(s)	(s)	7	(s)
India	0	(s)	0	(s)	0	0	(s)	2	(s)	0	(s)	7	9	(s)
Indonesia	0	0	0	0	0	0	0	16	0	91	0	1	107	4
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	(s)	0	0	0	0	(s)	2	(s)	(s)	0	5	8	(s)
Italy	0	81	0	245	0	0	0	(s)	(s)	499	0	2	828	28
Ivory Coast	0	0	0	0	0	0	0	4	0	0	0	0	4	(s)
Jamaica	0	10	0	0	0	0	(s)	2	(s)	0	0	1	13	(s)
Japan	0	(s)	0	0	178	944	5	7	2	2,115	(s)	4	3,254	108
Jordan	0	0	0	0	0	0	0	2	0	0	0	0	2	(s)
Korea, Republic of	0	7	0	0	204	1,198	(s)	2	(s)	(s)	(s)	2	1,413	47
Kuwait	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	1	(s)
Lebanon	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Liberia	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	557	261	23	(s)	0	1	4	1	14	0	2	864	29
Netherlands	0	27	0	0	303	394	0	19	(s)	569	0	176	1,489	50
Netherlands Antilles	0	0	0	0	0	1,223	(s)	1	0	0	0	0	1,224	41
New Zealand	0	0	0	0	0	0	0	5	0	0	0	4	10	(s)
Nicaragua	0	0	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Nigeria	0	0	0	0	0	0	0	41	0	0	0	2	43	1
Norway	0	(s)	0	0	0	0	0	4	0	28	(s)	(s)	32	1
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	45	0	0	0	0	(s)	6	(s)	(s)	0	(s)	51	2
Peru	0	0	0	0	(s)	0	(s)	23	0	0	0	1	24	1
Philippines	0	0	0	0	0	0	(s)	3	(s)	0	(s)	1	4	(s)
Puerto Rico	2,521	11	0	0	0	333	2	10	1	40	(s)	5	2,923	97

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, November 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	1	0	0	0	0	0	12	4	49	(s)	3	69	2
Saudi Arabia	0	1	0	0	(s)	0	(s)	21	0	0	(s)	3	25	1
Singapore	0	0	0	0	0	851	1	2	(s)	0	(s)	1	856	29
Spain	0	118	0	0	0	0	0	1	(s)	598	0	193	910	30
Surinam	0	0	0	0	0	0	(s)	(s)	0	10	0	(s)	10	(s)
Sweden	0	0	0	0	0	0	0	2	(s)	(s)	0	2	4	(s)
Switzerland	0	2	0	0	0	0	0	1	(s)	0	0	0	3	(s)
Thailand	0	1	30	0	0	0	0	1	0	(s)	0	(s)	33	1
Trinidad and Tobago	0	23	0	0	0	0	0	1	(s)	0	0	(s)	24	1
Turkey	0	0	0	0	0	0	0	1	0	28	0	(s)	29	1
United Arab Emirates	0	(s)	0	0	0	0	(s)	1	0	58	0	(s)	59	2
United Kingdom	0	1	0	0	0	0	4	4	(s)	0	0	37	45	2
U.S.S.R.	0	0	0	0	0	0	0	33	0	149	0	9	191	6
Uruguay	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Venezuela	0	(s)	0	0	0	0	2	1	(s)	(s)	0	1	6	(s)
Virgin Islands	3,585	1	0	0	0	0	0	(s)	0	0	0	0	3,586	120
West Germany	0	1	0	0	0	0	(s)	3	1	84	0	28	116	4
Yugoslavia	0	0	0	0	0	0	0	(s)	0	45	0	0	45	1
Other	546	19	(s)	0	1	(s)	(s)	7	(s)	0	1	4	578	19
Total	7,859	1,115	343	269	715	5,475	41	395	18	6,716	8	630	23,582	786

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 21. Exports of Crude Oil and Petroleum Products by Destination, December 1982

(Thousands of Barrels)

Destination	Crude Oil[1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Argentina	0	1	0	0	0	0	(s)	(s)	(s)	50	(s)	2	53	2
Australia	0	1	0	0	0	0	(s)	1	(s)	55	(s)	3	61	2
Bahamas	0	5	1	0	0	100	(s)	3	0	0	0	(s)	108	3
Bahrain	0	1	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Belgium & Luxembourg	0	40	0	0	99	0	(s)	(s)	(s)	845	(s)	(s)	985	32
Brazil	0	140	0	0	0	0	0	1	(s)	0	0	1	141	5
Cameroon	0	(s)	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Canada	36	366	1	0	0	648	3	34	1	437	4	36	1,565	50
Chile	0	0	0	0	0	0	0	3	(s)	0	0	1	4	(s)
China (Taiwan)	0	(s)	0	0	0	0	0	21	(s)	123	0	(s)	145	5
Colombia	0	1	0	0	0	0	0	10	(s)	(s)	0	1	12	(s)
Costa Rica	0	(s)	0	0	0	0	(s)	4	(s)	0	0	(s)	4	(s)
Denmark	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	(s)	(s)
Dominican Republic	0	11	0	0	0	0	(s)	(s)	(s)	0	0	(s)	12	(s)
Ecuador	0	0	0	0	0	0	(s)	7	1	0	(s)	1	9	(s)
Egypt	0	0	0	0	0	0	(s)	1	0	0	0	(s)	1	(s)
El Salvador	0	(s)	0	0	0	0	0	9	0	0	0	(s)	9	(s)
Finland	0	0	0	0	(s)	0	0	(s)	0	0	0	(s)	(s)	(s)
France	0	53	0	0	184	0	(s)	1	2	716	(s)	161	1,115	36
French Pacific Isl	0	0	0	0	33	22	(s)	(s)	0	0	0	0	55	2
Ghana	0	0	0	0	0	0	(s)	(s)	0	31	0	0	31	1
Greece	0	1	0	0	833	0	(s)	(s)	0	76	0	(s)	911	29
Guatemala	0	0	0	0	0	0	(s)	5	3	0	(s)	(s)	9	(s)
Guinea	0	(s)	0	0	0	0	0	(s)	0	0	0	0	(s)	(s)
Honduras	0	0	0	0	0	0	0	8	0	0	0	(s)	8	(s)
Hong Kong	0	1	0	0	0	0	(s)	1	(s)	0	(s)	(s)	3	(s)
India	0	0	0	0	0	0	0	(s)	(s)	27	0	1	28	1
Indonesia	0	0	0	0	0	0	(s)	25	(s)	0	0	(s)	25	1
Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Israel	0	1	0	0	0	0	(s)	(s)	(s)	0	(s)	(s)	2	(s)
Italy	0	358	0	0	224	326	0	1	(s)	230	0	248	1,386	45
Ivory Coast	0	0	0	0	0	0	(s)	5	0	1	0	(s)	6	(s)
Jamaica	0	10	0	0	0	0	(s)	22	(s)	0	0	4	36	1
Japan	0	20	(s)	0	86	310	11	4	2	1,211	(s)	54	1,699	55
Jordan	0	0	0	0	0	0	0	(s)	0	0	0	(s)	1	(s)
Korea, Republic of	0	(s)	0	0	294	1,044	0	3	(s)	28	0	2	1,372	44
Kuwait	0	0	0	0	0	0	0	2	(s)	0	152	(s)	155	5
Lebanon	0	0	0	0	0	0	0	2	0	0	0	(s)	2	(s)
Liberia	0	0	0	0	0	0	0	(s)	(s)	0	0	0	(s)	(s)
Malaysia	0	0	0	0	0	0	0	1	0	0	0	(s)	1	(s)
Mexico	0	635	206	27	172	0	1	16	6	37	0	3	1,103	36
Netherlands	0	66	0	223	1,026	1,401	5	8	(s)	1,049	(s)	24	3,803	123
Netherlands Antilles	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
New Zealand	0	0	0	0	0	0	(s)	(s)	(s)	0	0	(s)	1	(s)
Nicaragua	0	0	0	0	0	0	0	20	0	0	(s)	(s)	21	1
Nigeria	0	0	0	126	0	0	0	43	0	0	(s)	(s)	169	5
Norway	0	0	0	0	0	0	0	(s)	(s)	55	0	(s)	56	2
Pacific Trust Terr.	0	0	0	0	0	0	0	(s)	0	0	0	(s)	(s)	(s)
Panama	0	0	0	0	0	0	0	19	(s)	1	0	1	21	1
Peru	0	0	0	0	0	0	(s)	3	(s)	0	0	(s)	3	(s)
Philippines	0	0	0	0	0	0	0	8	1	(s)	0	2	12	(s)
Puerto Rico	1,931	16	(s)	0	0	382	1	12	1	0	0	8	2,351	76

See footnotes at end of table.

Table 21. Exports of Crude Oil and Petroleum Products by Destination, December 1982 (continued)

(Thousands of Barrels)

Destination	Crude Oil [1]	LPG and Ethane	Finished Motor Gasoline	Jet Fuel	Dist. Fuel Oil	Residual Fuel Oil	Special Naphthas	Lubricants	Wax	Petroleum Coke	Asphalt	Other	Total	Total (Daily Average)
Rep. of South Africa	0	0	0	0	0	0	0	5	(s)	0	(s)	148	152	5
Saudi Arabia	0	3	0	0	0	0	(s)	20	0	0	(s)	3	26	1
Singapore	0	1	0	0	0	470	0	6	(s)	0	(s)	2	478	15
Spain	0	0	0	0	0	0	0	1	(s)	760	0	1	762	25
Surinam	0	0	0	0	0	0	0	(s)	0	10	0	(s)	10	(s)
Sweden	0	0	0	0	469	0	0	1	(s)	0	0	(s)	470	15
Switzerland	0	0	0	0	453	0	0	1	(s)	0	0	(s)	454	15
Thailand	0	1	0	0	0	0	(s)	1	0	0	(s)	1	2	(s)
Trinidad and Tobago	0	(s)	0	0	0	0	0	1	0	0	(s)	1	2	(s)
Turkey	0	0	0	0	(s)	0	(s)	(s)	(s)	193	0	22	216	7
United Arab Emirates	0	(s)	0	0	0	0	(s)	(s)	0	0	0	1	2	(s)
United Kingdom	0	1	0	150	224	331	0	10	(s)	62	(s)	14	792	26
U.S.S.R.	0	0	0	0	0	0	0	81	0	222	0	13	316	10
Uruguay	0	0	0	0	0	0	0	(s)	(s)	0	0	(s)	1	(s)
Venezuela	0	2	0	0	0	0	(s)	(s)	(s)	47	(s)	2	51	2
Virgin Islands	3,456	(s)	0	0	0	738	0	0	0	0	0	(s)	4,194	135
West Germany	0	0	0	0	206	0	0	1	(s)	0	0	105	312	10
Yugoslavia	0	0	0	0	0	0	0	(s)	0	45	0	0	45	1
Other	547	5	0	167	132	0	(s)	4	(s)	0	(s)	19	875	28
Total	5,970	1,740	208	693	4,436	5,771	24	438	21	6,308	159	889	26,657	860

[1] Exports of crude oil are prohibited by law. However, some crude oil is exchanged with Canada on a barrel for barrel basis, and crude oil is shipped to U.S. Territories (especially Puerto Rico and the Virgin Islands) to be refined there. The Statistical Tracking Systems count these exchanges and shipments as imports and exports.

(s) Less than 500 barrels or less than 500 barrels per day.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Bureau of the Census Export Tabulations EM522 and EM594; and Form EIA-87, "Refinery Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	15,584	—	—	—	—	16,269	—	—	—	—	—	49,865	2,315	25,670	109,703
Tank Farms and Pipelines	—	—	2,464	—	—	—	—	65,394	—	—	—	—	—	99,538	10,639	30,748	208,783
Leases	—	—	69	—	—	—	—	1,645	—	—	—	—	—	18,072	1,469	1,643	22,898
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	235,271	0	0	235,271
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	29,578	29,578
Total	—	—	18,117	—	—	—	—	83,308	—	—	—	—	—	402,746	14,423	87,639	606,233
Petroleum Products																	
Refinery	43,026	4,804	47,830	855	47,580	7,500	25,583	81,518	12,355	77,226	48,622	5,689	2,144	146,036	16,797	69,927	362,108
Bulk Terminal	130,861	8,318	139,179	4,782	45,553	9,888	14,402	74,625	5,235	37,256	8,073	4,553	622	55,739	3,036	23,393	295,972
Pipeline	25,639	2,172	27,811	1,617	12,945	3,394	17,440	35,396	7,738	8,772	6,548	14,607	1,036	38,701	2,850	4,965	109,723
Natural Gas Processing Plant	383	438	821	0	2,079	185	21,511	23,775	6,105	31,976	10,938	5,837	1,193	56,049	327	844	81,815
Total	199,909	15,732	215,641	7,254	108,157	20,967	78,936	215,314	31,433	155,230	74,181	30,686	4,995	296,525	23,010	99,129	849,618
Natural Gasoline and Isopentane																	
Refinery	4	3	7	0	18	170	181	369	104	506	219	1	36	866	51	23	1,316
Pipeline	0	0	0	0	42	0	260	302	141	102	0	41	56	340	165	5	812
Natural Gas Processing Plant	4	29	33	0	29	9	1,373	1,411	466	6,094	418	67	60	7,105	46	22	8,617
Total	8	32	40	0	89	179	1,814	2,082	711	6,702	637	109	152	8,311	262	50	10,745
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	2
Pipeline	0	0	0	0	78	0	15	93	0	28	29	0	0	57	0	0	150
Natural Gas Processing Plant	0	0	0	0	103	3	1,921	2,027	216	776	221	2	197	1,412	33	2	3,473
Total	0	0	0	0	181	3	1,936	2,120	216	806	250	2	197	1,471	33	2	3,625
Plant Condensate																	
Refinery	0	0	0	0	4	0	0	4	15	105	0	97	0	217	0	0	221
Pipeline	0	0	0	0	73	0	0	73	781	269	49	4	17	1,120	0	0	1,193
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	22	33	10	11	1	77	2	0	86
Total	0	0	0	0	79	0	5	84	818	407	59	112	18	1,414	2	0	1,500
Ethane																	
Refinery	0	0	0	0	10	0	0	10	0	351	0	0	0	351	0	0	361
Bulk Terminal	0	0	0	0	78	0	52	130	0	926	0	0	0	926	0	0	1,056
Pipeline	0	0	0	0	27	888	125	1,040	238	78	121	0	3	440	0	0	1,480
Natural Gas Processing Plant	0	0	0	0	23	0	377	399	329	937	552	0	0	1,818	0	0	2,218
Total	0	0	0	0	138	888	554	1,579	567	2,292	673	0	3	3,535	0	0	5,115
Propane for Petro Feed. Use.																	
Refinery	75	0	75	0	53	0	7	60	0	5	0	0	0	5	1	0	141
Total	75	0	75	0	53	0	7	60	0	5	0	0	0	5	1	0	141
Propane for Other Uses																	
Refinery	331	5	336	2	978	26	311	1,317	203	963	1,004	7	4	2,181	100	193	4,127
Bulk Terminal	286	0	286	0	1,144	81	550	1,775	146	14,999	31	39	0	15,215	49	0	17,325
Pipeline	550	835	1,385	60	861	182	1,875	2,978	484	122	255	755	142	1,758	106	0	6,227
Natural Gas Processing Plant	313	403	716	0	1,728	161	12,501	14,390	3,331	8,269	6,394	4,199	342	22,535	193	384	38,218
Total	1,480	1,243	2,723	62	4,711	450	15,237	20,460	4,164	24,353	7,684	5,000	488	41,689	448	577	65,897

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	21	0	21	0	19	0	1	0	20	1	2	44
Total	0	0	0	0	0	21	0	21	0	19	0	1	0	20	1	2	44
Butane for Other Uses																	
Refinery	134	7	141	39	346	17	242	644	142	454	974	4	4	1,578	167	562	3,092
Bulk Terminal	273	0	273	0	254	0	59	313	72	4,272	0	0	0	4,344	0	0	4,930
Pipeline	26	120	146	0	1,129	29	352	1,510	1,085	66	5	65	58	1,279	51	0	2,986
Natural Gas Processing Plant	51	3	54	0	107	10	2,082	2,199	651	5,673	2,401	1,382	68	10,175	45	172	12,646
Total	484	130	614	39	1,836	56	2,735	4,666	1,950	10,465	3,380	1,451	130	17,376	263	734	23,654
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	3
Total	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	3
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	1	11	12	0	5	29	5	168	202
Bulk Terminal	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	9
Pipeline	0	0	0	0	0	0	19	19	648	26	10	0	1	685	0	0	704
Natural Gas Processing Plant	0	0	0	0	2	0	63	65	116	15	0	2	0	133	0	5	203
Total	0	0	0	0	11	0	82	93	765	52	22	2	6	847	5	173	1,118
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	3	3	450	4,152	0	0	0	4,602	0	0	4,605
Pipeline	0	0	0	0	66	0	480	546	320	86	2	0	144	552	181	0	1,279
Natural Gas Processing Plant	0	0	0	0	0	0	2,410	2,410	326	7,803	0	0	437	8,566	0	0	10,976
Total	0	0	0	0	66	0	2,893	2,959	1,096	12,041	2	0	581	13,720	181	0	16,860
Isobutane																	
Refinery	1	1	2	32	181	37	166	416	93	306	249	9	5	662	72	20	1,172
Bulk Terminal	0	0	0	0	33	0	3	36	118	1,243	0	0	0	1,361	0	0	1,397
Pipeline	5	0	5	0	554	14	101	669	47	64	0	50	43	204	43	0	921
Natural Gas Processing Plant	3	2	5	0	83	2	778	863	365	1,929	934	146	88	3,462	1	259	4,590
Total	9	3	12	32	851	53	1,048	1,984	623	3,542	1,183	205	136	5,689	116	279	8,080
Other Hydrocarbons and Alcohol																	
Refinery	0	2	2	0	97	0	5	102	4	70	4	0	0	78	1	2	185
Total	0	2	2	0	97	0	5	102	4	70	4	0	0	78	1	2	185
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,133	379	3,512	38	2,866	154	1,264	4,322	1,481	7,132	4,915	489	199	14,216	543	5,107	27,700
Kerosene and Lighter Gas Oils	1,232	9	1,241	0	2,626	4	1,703	4,333	224	5,924	2,009	64	1	8,222	641	4,051	18,488
Heavy Gas Oils	6,622	612	7,234	94	4,872	257	2,955	8,178	1,216	10,387	7,175	346	27	19,151	1,496	11,460	47,519
Residuum	1,781	297	2,078	1	4,004	21	2,022	6,048	244	3,764	3,420	36	5	7,469	628	5,938	22,161
Total	12,768	1,297	14,065	133	14,368	436	7,944	22,881	3,165	27,207	17,519	935	232	49,058	3,308	26,556	115,868
Motor Gasoline Blending Components																	
Refinery	5,863	194	6,057	58	7,086	978	2,759	10,881	2,021	9,121	6,398	163	312	18,015	3,083	8,406	46,442
Bulk Terminal	377	1	378	4	116	1	329	450	84	0	0	1	0	85	7	9	929
Pipeline	0	0	0	0	14	2	239	255	0	0	0	0	0	0	0	0	255
Total	6,240	195	6,435	62	7,216	981	3,327	11,586	2,105	9,121	6,398	164	312	18,100	3,090	8,415	47,626

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	135	0	6	141	50	184	253	0	0	487	0	36	664
Total	0	0	0	0	135	0	6	141	50	184	253	0	0	487	0	36	664
Total Finished Motor Gasoline																	
Refinery	6,773	662	7,435	100	7,820	1,899	4,919	14,738	2,589	9,822	5,892	876	303	19,482	3,098	9,195	53,948
Bulk Terminal	39,369	4,004	43,373	2,370	21,905	4,457	6,231	34,963	2,520	5,325	1,856	2,953	409	13,063	1,941	10,997	104,337
Pipeline	13,885	809	14,694	1,030	6,848	1,420	7,132	16,430	2,329	5,063	3,974	8,045	193	19,604	1,455	2,753	54,936
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	30	0	0	0	0	30	4	0	47
Total Finished Motor Gasoline	60,040	5,475	65,515	3,500	36,573	7,776	18,282	66,131	7,468	20,210	11,722	11,874	905	52,179	6,498	22,945	213,268
Finished Leaded Motor Gasoline																	
Refinery	2,860	393	3,253	52	3,923	1,100	2,974	8,049	1,496	5,128	2,955	761	207	10,547	2,055	4,182	28,086
Bulk Terminal	18,732	1,869	20,601	1,162	11,454	2,501	3,722	18,839	1,366	3,173	1,011	1,557	261	7,368	1,246	5,834	53,888
Pipeline	7,057	381	7,438	598	4,023	891	4,226	9,738	1,148	2,728	1,617	4,003	120	9,616	1,030	1,308	29,130
Natural Gas Processing Plant	13	0	13	0	0	0	0	0	26	0	0	0	0	26	3	0	41
Total	28,662	2,643	31,305	1,812	19,400	4,492	10,922	36,626	4,036	11,029	5,583	6,321	588	27,557	4,334	11,324	111,145
Finished Unleaded Motor Gasoline																	
Refinery	3,913	269	4,182	48	3,897	799	1,945	6,689	1,090	4,694	2,937	115	96	8,932	1,041	5,006	25,850
Bulk Terminal	20,635	2,135	22,770	1,208	10,432	1,956	2,504	16,100	1,148	2,152	845	1,396	148	5,689	695	5,163	50,417
Pipeline	6,828	428	7,256	432	2,825	527	2,906	6,690	1,181	2,335	2,357	4,042	73	9,988	425	1,445	25,804
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	4	0	0	0	0	4	1	0	5
Total	31,376	2,832	34,208	1,688	17,154	3,282	7,355	29,479	3,423	9,181	6,139	5,553	317	24,613	2,162	11,614	102,076
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	3	0	0	0	0	3	2	7	12
Bulk Terminal	2	0	2	0	19	0	5	24	6	0	0	0	0	6	0	0	32
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	2	0	2	0	19	2	5	26	9	0	0	0	0	9	2	7	46
Finished Aviation Gasoline																	
Refinery	37	0	37	0	192	0	65	257	14	379	168	0	0	561	43	230	1,128
Bulk Terminal	334	36	370	1	241	76	87	405	71	0	3	35	16	125	18	462	1,380
Pipeline	12	0	12	0	25	0	9	34	0	17	0	0	0	17	0	0	63
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	86	0	0	0	0	86	0	0	86
Total	383	36	419	1	458	76	161	696	171	396	171	35	16	789	61	692	2,657
Naphtha-Type Jet Fuel																	
Refinery	485	89	574	0	375	56	371	802	298	1,075	330	148	345	2,196	186	864	4,622
Bulk Terminal	20	0	20	3	47	23	122	195	142	255	0	49	0	446	20	69	750
Pipeline	234	0	234	3	38	0	139	180	76	0	47	124	239	486	57	485	1,442
Total	739	89	828	6	460	79	632	1,177	516	1,330	377	321	584	3,128	263	1,418	6,814
Kerosene-Type Jet Fuel																	
Refinery	915	20	935	48	864	30	267	1,209	326	2,122	1,853	11	43	4,355	214	3,804	10,517
Bulk Terminal	3,687	113	3,800	31	2,341	447	598	3,417	178	789	46	39	66	1,118	172	1,873	10,380
Pipeline	2,506	129	2,635	51	720	44	1,397	2,212	1,138	805	328	1,260	61	3,592	152	556	9,147
Total	7,108	262	7,370	130	3,925	521	2,262	6,838	1,642	3,716	2,227	1,310	170	9,065	538	6,233	30,044

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	125	72	197	0	478	24	127	629	34	975	289	10	64	1,372	38	98	2,334
Bulk Terminal	3,630	195	3,825	139	602	58	21	820	17	465	49	21	0	552	32	61	5,290
Pipeline	531	11	542	110	126	0	329	565	4	60	319	413	0	796	0	0	1,903
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	3	0	0	3
Total	4,286	278	4,564	249	1,206	82	477	2,014	57	1,500	657	444	65	2,723	70	159	9,530
Total Distillate Fuel Oils																	
Refinery	6,177	637	6,814	50	7,176	1,588	4,566	13,380	1,177	9,157	5,286	1,317	410	17,347	2,619	6,662	46,822
Bulk Terminal	50,254	3,106	53,360	1,763	14,687	3,575	4,853	24,878	1,400	1,916	1,254	1,231	127	5,928	796	6,429	91,391
Pipeline	7,890	267	8,157	362	2,343	815	4,953	8,473	417	1,986	1,409	3,850	79	7,741	640	1,146	26,157
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	8	0	0	9	0	0	10
Total Distillate Fuel Oil	64,321	4,010	68,331	2,175	24,206	5,978	14,373	46,732	2,996	13,059	7,957	6,398	616	31,025	4,055	14,237	164,380
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,177	624	6,801	50	7,117	1,588	4,566	13,321	1,082	8,906	5,192	1,237	313	16,730	2,609	6,610	46,071
Bulk Terminal	48,424	3,106	51,530	1,755	14,573	3,575	4,853	24,756	1,400	1,916	1,254	1,230	127	5,927	796	6,410	89,419
Pipeline	7,890	267	8,157	362	2,343	815	4,953	8,473	417	1,986	1,409	3,850	79	7,741	640	1,146	26,157
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	8	0	0	9	0	0	10
Total	62,491	3,997	66,488	2,167	24,033	5,978	14,373	46,551	2,901	12,808	7,863	6,317	519	30,407	4,045	14,166	161,657
No. 4 Fuel Oil																	
Refinery	0	13	13	0	59	0	0	59	95	251	94	80	97	617	10	52	751
Bulk Terminal	1,830	0	1,830	8	114	0	0	122	0	0	0	1	0	1	0	19	1,972
Total	1,830	13	1,843	8	173	0	0	181	95	251	94	81	97	618	10	71	2,723
Residual Fuel Oils																	
Refinery	3,956	182	4,138	52	2,675	462	816	4,005	395	5,390	4,109	338	93	10,325	648	8,220	27,336
Bulk Terminal	27,848	241	28,089	172	2,291	209	1,093	3,765	29	2,876	4,407	75	0	7,387	0	2,065	41,306
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
Total	31,804	423	32,227	224	4,966	671	1,909	7,770	424	8,266	8,516	413	93	17,712	648	10,305	68,662
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	231	0	231	0	233	0	43	276	222	1,297	321	28	0	1,868	0	254	2,629
Total	231	0	231	0	233	0	43	276	222	1,297	321	28	0	1,868	0	254	2,629
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	4	104	108	0	210	0	1	211	447	686	124	39	0	1,296	0	93	1,708
Total	4	104	108	0	210	0	1	211	447	686	124	39	0	1,296	0	93	1,708
Special Naphthas																	
Refinery	17	51	68	1	256	0	228	485	26	1,217	62	171	0	1,476	5	232	2,266
Bulk Terminal	1,076	4	1,080	88	198	29	137	452	0	0	0	8	0	8	0	53	1,593
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	117	0	0	0	0	117	0	0	117
Total	1,093	55	1,148	89	454	29	365	937	143	1,217	62	179	0	1,601	5	285	3,976
Lubricants																	
Refinery																	
Bright Stock	227	473	700	0	75	0	97	172	0	205	89	0	0	294	10	50	1,226
Neutral	1,005	416	1,421	0	632	0	503	1,135	0	1,823	1,030	95	0	2,948	102	521	6,127
Other	706	140	846	0	196	0	96	292	54	2,175	325	149	0	2,703	9	108	3,958
Bulk Terminals	1,086	231	1,317	14	432	21	77	544	8	38	246	63	4	359	1	828	3,049
Total	3,024	1,260	4,284	14	1,335	21	773	2,143	62	4,241	1,690	307	4	6,304	122	1,507	14,360

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, January 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	0	31	31	0	0	0	18	18	37	23	10	0	0	70	0	0	119
Total	0	31	31	0	0	0	18	18	37	23	10	0	0	70	0	0	119
Wax, Crystalline--Fully Refined																	
Refinery	8	26	34	0	12	0	31	43	0	75	129	0	0	204	3	33	317
Total	8	26	34	0	12	0	31	43	0	75	129	0	0	204	3	33	317
Wax, Crystalline--Other																	
Refinery	4	63	67	0	2	0	6	8	0	131	0	0	0	131	0	12	218
Total	4	63	67	0	2	0	6	8	0	131	0	0	0	131	0	12	218
Petroleum Coke																	
Refinery	670	0	670	0	282	302	203	787	3	64	434	14	0	515	613	1,562	4,147
Total	670	0	670	0	282	302	203	787	3	64	434	14	0	515	613	1,562	4,147
Asphalt																	
Refinery	2,072	287	2,359	339	2,486	1,438	1,550	5,813	842	802	1,158	1,247	288	4,337	2,417	1,779	16,705
Bulk Terminal	2,600	387	2,987	197	1,153	906	184	2,440	0	0	181	31	0	212	0	514	6,153
Total	4,672	674	5,346	536	3,639	2,344	1,734	8,253	842	802	1,339	1,278	288	4,549	2,417	2,293	22,858
Road Oil																	
Refinery	0	0	0	0	4	0	8	12	0	0	0	2	0	2	3	5	22
Total	0	0	0	0	4	0	8	12	0	0	0	2	0	2	3	5	22
Miscellaneous Products																	
Refinery	438	42	480	1	336	16	47	400	92	504	379	27	0	1,002	0	237	2,119
Bulk Terminal	21	0	21	0	22	5	3	30	0	0	0	8	0	8	0	33	92
Pipeline	0	1	1	1	1	0	15	17	30	0	0	0	0	30	0	0	48
Natural Gas Processing Plant	0	0	0	0	3	0	1	3	45	448	1	26	0	520	1	0	524
Total	459	43	502	2	362	21	66	450	167	952	380	61	0	1,560	1	270	2,783
Total Stocks, All Oils	--	--	233,758	--	--	--	--	298,622	--	--	--	--	--	699,271	37,433	186,768	1,455,851

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[1] Crude oil data are not collected by refinery district.

[2] Includes 30,099 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

-- Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	16,586	—	—	—	—	17,067	—	—	—	—	—	50,198	2,842	24,561	111,254
Tank Farms and Pipelines	—	—	2,296	—	—	—	—	62,810	—	—	—	—	—	99,337	11,634	32,941	209,018
Leases	—	—	61	—	—	—	—	1,659	—	—	—	—	—	18,251	1,475	1,681	23,127
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	241,241	0	0	241,241
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	28,363	28,363
Total	—	—	18,943	—	—	—	—	81,536	—	—	—	—	—	409,027	15,951	87,546	613,003
Petroleum Products																	
Refinery	40,751	4,586	45,337	854	45,444	7,634	25,989	79,921	12,023	76,007	48,168	5,351	2,022	143,571	17,317	69,749	355,895
Bulk Terminal	116,231	8,172	124,403	4,658	43,515	10,236	13,915	72,324	5,356	33,316	7,342	4,342	636	50,992	2,939	21,711	272,369
Pipeline	24,908	1,738	26,646	1,640	13,130	3,934	16,919	35,623	7,127	8,907	6,774	13,950	1,077	37,835	2,904	4,458	107,466
Natural Gas Processing Plant	317	350	667	0	1,865	153	20,401	22,419	5,632	31,506	11,729	5,308	1,322	55,497	314	544	79,441
Total	182,207	14,846	197,053	7,152	103,954	21,957	77,224	210,287	30,138	149,736	74,013	28,951	5,057	287,895	23,474	96,462	815,171
Natural Gasoline and Isopentane																	
Refinery	4	1	5	0	17	144	114	275	111	795	265	1	30	1,202	60	18	1,560
Pipeline	0	0	0	0	12	0	191	203	133	65	0	75	55	328	163	5	699
Natural Gas Processing Plant	4	23	27	0	32	14	1,490	1,536	504	6,409	495	104	68	7,580	49	21	9,212
Total	8	24	32	0	61	158	1,795	2,014	748	7,269	760	180	153	9,110	272	44	11,471
Unfractionated Stream																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipeline	0	0	0	0	78	0	15	93	0	28	28	0	0	56	0	0	149
Natural Gas Processing Plant	0	0	0	0	97	2	1,750	1,850	212	1,802	269	1	260	2,543	27	2	4,422
Total	0	0	0	0	175	2	1,765	1,943	212	1,830	297	1	260	2,599	27	2	4,571
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	15	118	0	88	0	221	0	0	227
Pipeline	0	0	0	0	0	0	0	0	824	274	49	10	17	1,174	0	0	1,174
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	20	53	13	10	1	97	2	0	106
Total	0	0	0	0	8	0	5	13	859	445	62	108	18	1,492	2	0	1,507
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	511	0	0	0	511	0	0	519
Bulk Terminal	0	0	0	0	81	0	40	121	0	1,216	0	0	0	1,216	0	0	1,337
Pipeline	0	0	0	0	30	919	138	1,087	236	79	126	0	3	444	0	0	1,531
Natural Gas Processing Plant	0	0	0	0	24	0	387	411	333	967	482	2	0	1,783	0	0	2,195
Total	0	0	0	0	143	919	565	1,627	569	2,773	608	2	3	3,954	0	0	5,582
Propane for Petro Feed. Use.																	
Refinery	72	0	72	0	75	0	7	82	0	4	9	0	0	13	1	0	168
Total	72	0	72	0	75	0	7	82	0	4	9	0	0	13	1	0	168
Propane for Other Uses																	
Refinery	286	8	294	1	712	17	273	1,003	179	953	787	6	6	1,931	63	183	3,474
Bulk Terminal	160	0	160	0	969	81	536	1,586	207	13,413	0	55	0	13,675	43	0	15,464
Pipeline	779	438	1,217	62	1,658	260	1,758	3,738	468	411	249	794	140	2,062	106	0	7,123
Natural Gas Processing Plant	241	321	562	0	1,545	128	12,172	13,845	2,984	7,511	6,256	3,738	378	20,867	181	252	35,706
Total	1,466	767	2,233	63	4,884	486	14,739	20,172	3,838	22,288	7,292	4,593	524	38,535	393	435	61,767

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	18	1	19	0	17	0	2	0	19	1	3	42
Total	0	0	0	0	0	18	1	19	0	17	0	2	0	19	1	3	42
Butane for Other Uses																	
Refinery	123	5	128	19	308	61	260	648	142	461	878	2	4	1,487	187	540	2,990
Bulk Terminal	63	0	63	0	337	0	123	460	90	3,171	0	0	0	3,261	0	0	3,784
Pipeline	24	117	141	0	1,086	29	286	1,401	956	18	5	100	57	1,136	52	0	2,730
Natural Gas Processing Plant	50	3	53	0	70	9	1,543	1,622	648	4,796	3,030	1,162	66	9,701	48	85	11,509
Total	260	125	385	19	1,801	99	2,212	4,131	1,836	8,446	3,913	1,264	127	15,585	287	625	21,013
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	3	0	0	3	0	6	6	1	7	20	6	134	163
Bulk Terminal	0	0	0	0	9	0	1	10	0	0	0	0	0	0	0	0	10
Pipeline	0	0	0	0	0	0	19	19	644	26	10	0	1	681	0	0	700
Natural Gas Processing Plant	0	0	0	0	1	0	51	52	87	130	0	1	0	218	0	5	276
Total	0	0	0	0	13	0	71	84	731	162	16	2	8	919	6	139	1,149
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
Bulk Terminal	0	0	0	0	0	0	4	4	488	4,080	0	0	0	4,568	0	0	4,572
Pipeline	0	0	0	0	66	0	501	567	312	84	2	0	142	540	177	0	1,284
Natural Gas Processing Plant	0	0	0	0	0	0	2,023	2,023	340	7,441	0	0	459	8,239	0	0	10,262
Total	0	0	0	0	66	0	2,528	2,594	1,140	11,606	2	0	601	13,348	177	0	16,119
Isobutane																	
Refinery	10	2	12	42	168	16	154	380	118	151	401	12	5	687	55	49	1,183
Bulk Terminal	0	0	0	0	54	0	66	120	121	1,198	0	0	0	1,319	0	0	1,439
Pipeline	0	0	0	0	373	0	142	515	110	9	0	100	56	275	41	0	831
Natural Gas Processing Plant	2	2	5	0	91	1	978	1,070	246	1,793	1,184	250	89	3,562	1	179	4,817
Total	12	4	17	42	686	17	1,340	2,085	595	3,151	1,585	362	150	5,843	97	228	8,270
Other Hydrocarbons and Alcohol																	
Refinery	0	8	8	0	75	0	1	76	10	70	8	0	0	88	1	2	175
Total	0	8	8	0	75	0	1	76	10	70	8	0	0	88	1	2	175
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	2,896	494	3,390	45	2,487	141	1,365	4,038	1,334	7,164	5,214	349	165	14,226	518	5,265	27,437
Kerosene and Lighter Gas Oils	1,180	20	1,200	0	2,505	4	1,092	3,601	150	6,241	1,176	44	2	7,613	656	3,631	16,701
Heavy Gas Oils	7,508	515	8,023	131	4,417	208	2,998	7,754	1,233	11,649	8,682	363	20	21,947	1,380	11,674	50,778
Residuum	1,740	261	2,001	2	3,867	63	2,010	5,942	320	3,713	3,079	54	6	7,172	588	5,908	21,611
Total	13,324	1,290	14,614	178	13,276	416	7,465	21,335	3,037	28,767	18,151	810	193	50,958	3,142	26,478	116,527

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,403	243	5,646	21	7,285	978	2,743	11,027	2,339	8,946	6,343	134	305	18,067	3,488	8,994	47,222
Bulk Terminal	300	1	301	5	121	1	223	350	111	0	0	1	0	112	8	15	786
Pipeline	0	0	0	0	16	1	233	250	0	0	0	0	0	0	0	0	250
Total	5,703	244	5,947	26	7,422	980	3,199	11,627	2,450	8,946	6,343	135	305	18,179	3,496	9,009	48,258
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	92	0	6	98	65	156	241	0	0	462	0	87	647
Total	0	0	0	0	92	0	6	98	65	156	241	0	0	462	0	87	647
Total Finished Motor Gasoline																	
Refinery	5,605	598	6,203	100	7,388	1,986	5,510	14,984	2,535	10,061	5,166	971	344	19,077	3,065	7,848	51,177
Bulk Terminal	38,802	4,032	42,834	2,374	22,070	4,401	6,314	35,159	2,679	5,222	1,605	2,780	430	12,716	1,809	9,868	102,386
Pipeline	13,970	791	14,761	992	6,960	1,528	7,181	16,661	1,934	5,176	4,119	7,904	162	19,295	1,563	2,542	54,822
Natural Gas Processing Plant	20	0	20	0	0	0	0	0	41	0	0	0	0	41	5	0	65
Total Finished Motor Gasoline	58,397	5,421	63,818	3,466	36,418	7,915	19,005	66,804	7,189	20,459	10,890	11,655	936	51,129	6,442	20,258	208,450
Finished Leaded Motor Gasoline																	
Refinery	2,172	349	2,521	78	3,682	1,032	3,208	8,000	1,393	4,463	2,737	849	222	9,664	1,994	3,786	25,965
Bulk Terminal	18,676	1,882	20,558	1,220	11,434	2,480	3,677	18,811	1,391	3,109	767	1,422	272	6,961	1,165	5,408	52,903
Pipeline	6,868	341	7,209	556	3,956	907	3,732	9,151	1,010	2,540	2,198	3,452	102	9,302	1,069	1,277	28,008
Natural Gas Processing Plant	20	0	20	0	0	0	0	0	31	0	0	0	0	31	3	0	54
Total	27,736	2,572	30,308	1,854	19,072	4,419	10,617	35,962	3,825	10,112	5,702	5,723	596	25,958	4,231	10,471	106,930
Finished Unleaded Motor Gasoline																	
Refinery	3,433	249	3,682	22	3,706	954	2,302	6,984	1,138	5,598	2,429	122	122	9,409	1,068	4,050	25,193
Bulk Terminal	20,111	2,150	22,261	1,154	10,602	1,921	2,630	16,307	1,283	2,113	838	1,358	158	5,750	644	4,460	49,422
Pipeline	7,102	450	7,552	436	3,004	619	3,449	7,508	924	2,636	1,921	4,452	60	9,993	494	1,265	26,812
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	10	0	0	0	0	10	1	0	11
Total	30,646	2,849	33,495	1,612	17,312	3,494	8,381	30,799	3,355	10,347	5,188	5,932	340	25,162	2,207	9,775	101,438
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	4	0	0	0	0	4	3	12	19
Bulk Terminal	15	0	15	0	34	0	7	41	5	0	0	0	0	5	0	0	61
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	15	0	15	0	34	2	7	43	9	0	0	0	0	9	3	12	82
Finished Aviation Gasoline																	
Refinery	32	0	32	0	170	0	65	235	17	415	204	0	0	636	51	239	1,193
Bulk Terminal	395	31	426	1	246	79	82	408	45	28	3	26	15	117	13	454	1,418
Pipeline	0	0	0	0	0	0	27	27	6	14	0	0	0	20	0	0	47
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	43	0	0	0	0	43	0	0	43
Total	427	31	458	1	416	79	174	670	111	457	207	26	15	816	64	693	2,701
Naphtha-Type Jet Fuel																	
Refinery	295	66	361	0	245	54	461	760	282	730	264	111	303	1,690	175	881	3,867
Bulk Terminal	11	0	11	3	58	15	138	214	120	256	0	48	0	424	16	93	758
Pipeline	341	0	341	3	10	18	140	171	43	0	26	135	282	486	101	346	1,445
Total	647	66	713	6	313	87	739	1,145	445	986	290	294	585	2,600	292	1,320	6,070

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	694	9	703	50	1,159	49	292	1,550	398	2,031	2,175	12	37	4,653	199	4,061	11,166
Bulk Terminal	4,086	126	4,212	55	1,797	485	597	2,934	185	931	58	31	57	1,262	244	1,921	10,573
Pipeline	2,218	120	2,338	50	593	236	1,322	2,201	1,015	1,013	449	1,437	59	3,973	96	531	9,139
Total	6,998	255	7,253	155	3,549	770	2,211	6,685	1,598	3,975	2,682	1,480	153	9,888	539	6,513	30,878
Kerosene																	
Refinery	159	46	205	0	453	29	160	642	40	721	483	9	67	1,320	41	108	2,316
Bulk Terminal	3,092	275	3,367	124	653	73	14	864	10	310	33	27	0	380	34	48	4,693
Pipeline	710	14	724	123	144	0	336	603	34	166	256	284	0	740	0	0	2,067
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	4	0	0	4
Total	3,961	335	4,296	247	1,250	102	510	2,109	86	1,197	772	320	68	2,444	75	156	9,080
Total Distillate Fuel Oils																	
Refinery	6,186	623	6,809	55	6,160	1,302	4,669	12,186	1,081	7,213	5,079	1,056	384	14,813	2,526	6,203	42,537
Bulk Terminal	43,449	2,931	46,380	1,559	12,961	3,870	4,478	22,868	1,271	1,789	1,121	1,134	129	5,444	771	6,040	81,503
Pipeline	6,866	256	7,122	408	2,103	943	4,622	8,076	370	1,544	1,455	3,111	103	6,583	605	1,017	23,403
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	2	0	0	3
Total Distillate Fuel Oil	56,501	3,810	60,311	2,022	21,224	6,115	13,770	43,131	2,723	10,546	7,655	5,301	616	26,842	3,902	13,260	147,446
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,186	614	6,800	55	6,108	1,302	4,669	12,134	980	7,019	4,923	967	313	14,202	2,515	6,148	41,799
Bulk Terminal	41,580	2,931	44,511	1,549	12,858	3,870	4,478	22,755	1,271	1,789	1,121	1,133	129	5,443	771	5,992	79,472
Pipeline	6,866	256	7,122	408	2,103	943	4,622	8,076	370	1,544	1,455	3,111	103	6,583	605	1,017	23,403
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	2	0	0	3
Total	54,632	3,801	58,433	2,012	21,069	6,115	13,770	42,966	2,622	10,352	7,499	5,211	545	26,230	3,891	13,157	144,677
No. 4 Fuel Oil																	
Refinery	0	9	9	0	52	0	0	52	101	194	156	89	71	611	11	55	738
Bulk Terminal	1,869	0	1,869	10	103	0	0	113	0	0	0	1	0	1	0	48	2,031
Total	1,869	9	1,878	10	155	0	0	165	101	194	156	90	71	612	11	103	2,769
Residual Fuel Oils																	
Refinery	3,299	134	3,433	31	2,490	376	762	3,659	289	4,322	3,686	277	63	8,637	670	8,848	25,247
Bulk Terminal	21,491	113	21,604	249	2,276	198	911	3,634	21	1,670	4,255	87	0	6,033	0	1,962	33,233
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
Total	24,790	247	25,037	280	4,766	574	1,673	7,293	310	5,992	7,941	364	63	14,670	670	10,827	58,497
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	200	0	200	0	197	0	66	263	172	1,529	243	38	0	1,982	0	224	2,669
Total	200	0	200	0	197	0	66	263	172	1,529	243	38	0	1,982	0	224	2,669
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	95	97	0	213	0	1	214	230	644	268	49	0	1,191	0	162	1,664
Total	2	95	97	0	213	0	1	214	230	644	268	49	0	1,191	0	162	1,664
Special Naphthas																	
Refinery	20	53	73	1	206	0	199	406	44	1,279	67	160	0	1,550	6	214	2,249
Bulk Terminal	964	8	972	77	160	24	100	361	0	0	0	8	0	8	0	49	1,390
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	110	0	0	0	0	110	0	0	110
Total	984	61	1,045	78	366	24	299	767	154	1,279	67	168	0	1,668	6	263	3,749

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, February 28, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	196	451	647	0	75	0	124	199	0	238	113	0	0	351	9	43	1,249
Neutral	884	358	1,242	0	671	0	487	1,158	0	1,957	1,240	77	0	3,274	98	559	6,331
Other	652	130	782	0	176	0	95	271	30	2,250	301	158	1	2,740	12	97	3,902
Bulk Terminals	1,003	268	1,271	13	405	22	102	542	8	32	123	88	5	256	1	635	2,705
Total	2,735	1,207	3,942	13	1,327	22	808	2,170	38	4,477	1,777	323	6	6,621	120	1,334	14,187
Wax, Microcrystalline																	
Refinery	0	26	26	0	0	0	18	18	23	23	9	0	0	55	0	0	99
Total	0	26	26	0	0	0	18	18	23	23	9	0	0	55	0	0	99
Wax, Crystalline--Fully Refined																	
Refinery	15	27	42	0	23	0	24	47	0	83	140	0	0	223	5	41	358
Total	15	27	42	0	23	0	24	47	0	83	140	0	0	223	5	41	358
Wax, Crystalline--Other																	
Refinery	3	59	62	0	2	0	7	9	0	114	0	0	0	114	0	21	206
Total	3	59	62	0	2	0	7	9	0	114	0	0	0	114	0	21	206
Petroleum Coke																	
Refinery	716	0	716	0	423	303	283	1,009	1	82	474	19	0	576	596	1,571	4,468
Total	716	0	716	0	423	303	283	1,009	1	82	474	19	0	576	596	1,571	4,468
Asphalt																	
Refinery	2,142	316	2,458	355	3,031	1,873	1,683	6,942	767	745	993	1,318	273	4,096	2,857	1,864	18,217
Bulk Terminal	2,398	387	2,785	198	1,299	982	183	2,662	0	0	144	28	0	172	0	600	6,219
Total	4,540	703	5,243	553	4,330	2,855	1,866	9,604	767	745	1,137	1,346	273	4,268	2,857	2,464	24,436
Road Oil																	
Refinery	0	0	0	0	5	0	6	11	0	0	0	2	0	2	3	2	18
Total	0	0	0	0	5	0	6	11	0	0	0	2	0	2	3	2	18
Miscellaneous Products																	
Refinery	429	38	467	1	332	12	53	398	97	614	174	38	0	923	0	275	2,063
Bulk Terminal	17	0	17	0	19	5	3	27	0	0	0	29	0	29	0	26	99
Pipeline	0	2	2	2	1	0	8	11	42	0	0	0	0	42	0	0	55
Natural Gas Processing Plant	0	0	0	0	1	0	0	2	60	606	0	38	2	706	2	0	710
Total	446	40	486	3	353	17	64	438	199	1,220	174	105	2	1,700	2	301	2,927
Total Stocks, All Oils	--	--	215,996	--	--	--	--	291,823	--	--	--	--	--	696,922	39,425	184,008	1,428,174

[1] Crude oil data are not collected by refinery district.

[2] Includes 30,099 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	15,540	—	—	—	—	16,702	—	—	—	—	—	50,035	2,734	23,272	108,283
Tank Farms and Pipelines	—	—	2,611	—	—	—	—	65,090	—	—	—	—	—	94,522	11,939	27,159	201,321
Leases	—	—	65	—	—	—	—	1,571	—	—	—	—	—	17,669	1,516	1,763	22,584
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	248,537	0	0	248,537
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	28,521	28,521
Total	—	—	18,216	—	—	—	—	83,363	—	—	—	—	—	410,763	16,189	80,715	609,246
Petroleum Products																	
Refinery	40,522	4,407	44,929	1,035	45,239	8,089	24,613	78,976	12,402	76,106	47,383	5,284	1,994	143,169	17,620	68,230	352,924
Bulk Terminal	102,781	6,703	109,484	4,312	40,109	10,146	12,941	67,508	5,281	33,992	6,883	4,138	486	50,780	2,841	20,641	251,254
Pipeline	24,193	1,470	25,663	1,590	12,297	3,821	16,268	33,976	6,987	10,146	6,792	14,282	1,286	39,493	2,863	3,996	105,991
Natural Gas Processing Plant	348	267	615	0	1,678	141	19,190	21,009	5,543	29,078	10,409	3,806	1,305	50,140	306	463	72,532
Total	167,844	12,847	180,691	6,937	99,323	22,197	73,012	201,469	30,213	149,322	71,467	27,510	5,071	283,582	23,630	93,330	782,701
Natural Gasoline and Isopentane																	
Refinery	3	0	3	0	27	106	162	295	101	756	209	0	49	1,115	10	168	1,591
Pipeline	0	0	0	0	52	0	283	335	133	45	0	64	44	286	154	5	780
Natural Gas Processing Plant	3	14	17	0	32	14	1,286	1,333	490	6,144	502	36	82	7,253	42	18	8,664
Total	6	14	20	0	111	120	1,731	1,963	724	6,945	711	100	175	8,654	206	191	11,035
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	19	97	0	28	28	0	0	56	0	0	153
Natural Gas Processing Plant	0	0	0	0	102	2	1,633	1,737	206	2,104	227	2	242	2,781	38	2	4,558
Total	0	0	0	0	180	2	1,652	1,834	206	2,132	255	2	242	2,837	38	2	4,711
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	8	160	0	93	0	261	0	0	267
Pipeline	0	0	0	0	0	0	0	0	822	273	49	4	17	1,165	0	0	1,165
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	45	23	14	10	1	94	2	0	103
Total	0	0	0	0	8	0	5	13	875	456	63	107	18	1,520	2	0	1,535
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	573	0	0	0	573	0	0	581
Bulk Terminal	0	0	0	0	78	0	20	98	0	1,188	0	0	0	1,188	0	0	1,286
Pipeline	0	0	0	0	28	1,027	144	1,199	213	77	141	0	3	434	0	0	1,633
Natural Gas Processing Plant	0	0	0	0	24	0	546	571	181	1,083	444	1	0	1,709	0	0	2,280
Total	0	0	0	0	138	1,027	710	1,876	394	2,921	585	1	3	3,904	0	0	5,780
Propane for Petro Feed. Use.																	
Refinery	44	0	44	0	62	0	0	62	0	7	192	0	0	199	1	0	306
Total	44	0	44	0	62	0	0	62	0	7	192	0	0	199	1	0	306
Propane for Other Uses																	
Refinery	373	3	376	6	684	31	252	973	271	799	757	3	3	1,833	66	226	3,474
Bulk Terminal	171	0	171	0	764	75	427	1,266	201	13,718	0	42	0	13,961	38	0	15,436
Pipeline	877	329	1,206	32	1,576	156	1,658	3,422	425	329	250	614	158	1,776	121	0	6,525
Natural Gas Processing Plant	279	250	529	0	1,415	113	12,262	13,790	3,023	6,394	5,657	3,512	377	18,964	173	199	33,655
Total	1,700	582	2,282	38	4,439	375	14,599	19,451	3,920	21,240	6,664	4,171	538	36,534	398	425	59,090

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	8	1	9	0	13	0	2	0	15	2	2	28
Total	0	0	0	0	0	8	1	9	0	13	0	2	0	15	2	2	28
Butane for Other Uses																	
Refinery	68	3	71	74	231	37	236	578	120	424	839	2	0	1,385	118	551	2,703
Bulk Terminal	9	0	9	0	274	0	179	453	119	2,881	0	0	0	3,000	0	0	3,462
Pipeline	34	78	112	29	886	30	391	1,336	1,038	17	5	18	70	1,148	61	0	2,657
Natural Gas Processing Plant	49	1	50	0	53	10	990	1,053	648	3,830	2,438	159	103	7,179	42	88	8,413
Total	160	82	242	103	1,444	77	1,796	3,420	1,925	7,152	3,282	179	173	12,712	221	639	17,235
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	2
Total	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	2
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	4	17	1	2	24	2	120	146
Bulk Terminal	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	7
Pipeline	0	0	0	0	0	0	18	18	631	26	10	0	1	668	0	0	686
Natural Gas Processing Plant	0	0	0	0	0	0	41	42	96	2	0	0	0	98	0	5	146
Total	0	0	0	0	7	0	59	67	727	32	27	1	3	790	2	125	985
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
Bulk Terminal	0	0	0	0	0	0	4	4	434	5,839	0	0	0	6,273	0	0	6,277
Pipeline	0	0	0	0	66	0	423	489	278	81	2	0	121	482	165	0	1,136
Natural Gas Processing Plant	0	0	0	0	0	0	1,419	1,419	331	6,964	0	0	420	7,715	0	0	9,134
Total	0	0	0	0	66	0	1,846	1,912	1,043	12,885	2	0	541	14,471	165	0	16,548
Isobutane																	
Refinery	0	4	4	60	153	31	168	412	138	174	325	11	5	653	62	48	1,179
Bulk Terminal	0	0	0	0	73	0	135	208	110	682	0	0	0	792	0	0	1,000
Pipeline	0	0	0	1	371	8	160	540	72	10	0	148	57	287	42	0	869
Natural Gas Processing Plant	1	1	2	0	47	2	1,007	1,056	241	1,832	1,125	63	79	3,340	2	150	4,548
Total	1	5	6	61	644	41	1,470	2,216	561	2,698	1,450	222	141	5,072	106	198	7,596
Other Hydrocarbons and Alcohol																	
Refinery	0	4	4	0	88	0	4	92	8	70	4	0	0	82	1	4	183
Total	0	4	4	0	88	0	4	92	8	70	4	0	0	82	1	4	183
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,358	547	3,905	46	2,707	170	1,419	4,342	1,457	8,029	5,030	199	180	14,895	761	5,361	29,264
Kerosene and Lighter Gas Oils	1,196	17	1,213	0	2,572	32	969	3,573	610	5,908	1,279	35	3	7,835	770	3,783	17,174
Heavy Gas Oils	7,834	429	8,263	95	4,512	316	2,783	7,706	2,041	10,493	7,257	319	9	20,119	1,054	11,934	49,076
Residuum	1,643	241	1,884	3	3,737	21	1,888	5,649	309	3,392	3,089	47	8	6,845	620	5,369	20,367
Total	14,031	1,234	15,265	144	13,528	539	7,059	21,270	4,417	27,822	16,655	600	200	49,694	3,205	26,447	115,881

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	5,504	214	5,718	33	7,153	829	2,774	10,789	1,749	9,241	6,838	118	310	18,256	3,629	8,899	47,291
Bulk Terminal	206	0	206	6	90	1	254	351	440	24	0	1	0	465	4	10	1,036
Pipeline	0	0	0	0	26	2	84	112	27	0	0	0	0	27	0	0	139
Total	5,710	214	5,924	39	7,269	832	3,112	11,252	2,216	9,265	6,838	119	310	18,748	3,633	8,909	48,466
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	178	0	17	195	18	113	176	0	0	307	0	156	658
Total	0	0	0	0	178	0	17	195	18	113	176	0	0	307	0	156	658
Total Finished Motor Gasoline																	
Refinery	5,255	463	5,718	100	7,456	2,109	4,975	14,640	2,260	9,098	5,341	1,051	293	18,043	3,212	7,451	49,064
Bulk Terminal	36,657	3,307	39,964	2,271	20,035	4,440	5,675	32,421	2,459	4,638	1,648	2,780	319	11,844	1,830	9,186	95,245
Pipeline	14,497	695	15,192	995	6,658	1,396	6,685	15,734	1,672	5,507	3,972	7,916	277	19,344	1,451	2,027	53,748
Natural Gas Processing Plant	17	0	17	0	0	0	0	0	30	0	0	0	0	30	4	0	51
Total Finished Motor Gasoline	56,426	4,465	60,891	3,366	34,149	7,945	17,335	62,795	6,421	19,243	10,961	11,747	889	49,261	6,497	18,664	198,108
Finished Leaded Motor Gasoline																	
Refinery	2,368	261	2,629	65	3,895	1,103	2,845	7,908	1,131	4,806	2,986	915	177	10,015	2,158	3,487	26,197
Bulk Terminal	17,343	1,574	18,917	1,238	10,389	2,512	3,371	17,510	1,250	2,720	855	1,424	208	6,457	1,160	5,203	49,247
Pipeline	6,743	318	7,061	505	3,492	829	3,679	8,505	706	2,735	1,761	3,513	163	8,878	938	968	26,350
Natural Gas Processing Plant	17	0	17	0	0	0	0	0	24	0	0	0	0	24	3	0	44
Total	26,471	2,153	28,624	1,808	17,776	4,444	9,895	33,923	3,111	10,261	5,602	5,852	548	25,374	4,259	9,658	101,838
Finished Unleaded Motor Gasoline																	
Refinery	2,887	202	3,089	35	3,561	1,006	2,130	6,732	1,129	4,292	2,355	136	116	8,028	1,052	3,955	22,856
Bulk Terminal	19,296	1,733	21,029	1,033	9,630	1,928	2,300	14,891	1,205	1,918	793	1,356	111	5,383	670	3,983	45,956
Pipeline	7,754	377	8,131	490	3,166	566	3,006	7,228	966	2,772	2,211	4,403	114	10,466	513	1,059	27,397
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	6	0	0	0	0	6	1	0	7
Total	29,937	2,312	32,249	1,558	16,357	3,500	7,436	28,851	3,306	8,982	5,359	5,895	341	23,883	2,236	8,997	96,216
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	11
Bulk Terminal	18	0	18	0	16	0	4	20	4	0	0	0	0	4	0	0	42
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	18	0	18	0	16	1	4	21	4	0	0	0	0	4	2	9	54
Finished Aviation Gasoline																	
Refinery	30	0	30	0	185	0	51	236	24	364	214	0	0	602	46	194	1,108
Bulk Terminal	367	47	414	1	242	60	68	371	64	49	2	19	16	150	16	396	1,347
Pipeline	0	0	0	0	10	0	35	45	40	1	0	24	0	65	0	0	110
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	57	0	0	0	0	57	0	0	57
Total	397	47	444	1	437	60	154	652	185	414	216	43	16	874	62	590	2,622
Naphtha-Type Jet Fuel																	
Refinery	262	41	303	0	186	38	541	765	328	802	431	153	296	2,010	161	895	4,134
Bulk Terminal	21	0	21	3	36	50	156	245	231	152	0	48	0	431	18	92	807
Pipeline	278	0	278	3	1	73	83	160	93	0	43	126	294	556	115	377	1,486
Total	561	41	602	6	223	161	780	1,170	652	954	474	327	590	2,997	294	1,364	6,427

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	892	11	903	61	1,131	77	340	1,609	277	2,610	2,425	13	34	5,359	296	3,994	12,161
Bulk Terminal	5,158	175	5,333	58	2,097	414	670	3,239	201	1,096	65	39	48	1,449	178	2,348	12,547
Pipeline	2,714	95	2,809	101	783	158	1,679	2,721	1,042	1,547	572	1,830	69	5,060	150	646	11,386
Total	8,764	281	9,045	220	4,011	649	2,689	7,569	1,520	5,253	3,062	1,882	151	11,868	624	6,988	36,094
Kerosene																	
Refinery	131	68	199	0	444	17	159	620	56	908	555	10	83	1,612	38	84	2,553
Bulk Terminal	3,004	252	3,256	163	724	59	12	958	11	384	41	24	0	460	36	74	4,784
Pipeline	408	7	415	72	130	0	315	517	7	93	277	105	0	482	0	0	1,414
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	4	0	0	4
Total	3,543	327	3,870	235	1,298	76	486	2,095	76	1,385	873	139	84	2,558	74	158	8,755
Total Distillate Fuel Oils																	
Refinery	4,688	512	5,200	69	5,991	1,341	4,353	11,754	1,007	7,947	4,603	1,098	391	15,046	2,373	5,190	39,563
Bulk Terminal	31,687	2,166	33,853	1,297	11,394	3,731	4,146	20,568	994	1,973	826	1,004	100	4,897	720	4,697	64,735
Pipeline	5,383	256	5,639	348	1,617	971	4,291	7,227	446	2,112	1,443	3,433	175	7,609	604	926	22,005
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	2
Total Distillate Fuel Oil	41,758	2,934	44,692	1,714	19,002	6,043	12,790	39,549	2,448	12,032	6,872	5,535	666	27,554	3,697	10,813	126,305
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	4,688	503	5,191	69	5,938	1,341	4,353	11,701	937	7,747	4,431	994	320	14,429	2,363	5,141	38,825
Bulk Terminal	30,325	2,166	32,491	1,282	11,282	3,731	4,146	20,441	994	1,973	826	1,003	100	4,896	720	4,640	63,188
Pipeline	5,383	256	5,639	348	1,617	971	4,291	7,227	446	2,112	1,443	3,433	175	7,609	604	926	22,005
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	2
Total	40,396	2,925	43,321	1,699	18,837	6,043	12,790	39,369	2,378	11,832	6,700	5,430	595	26,936	3,687	10,707	124,020
No. 4 Fuel Oil																	
Refinery	0	9	9	0	53	0	0	53	70	200	172	104	71	617	10	49	738
Bulk Terminal	1,362	0	1,362	15	112	0	0	127	0	0	0	1	0	1	0	57	1,547
Total	1,362	9	1,371	15	165	0	0	180	70	200	172	105	71	618	10	106	2,285
Residual Fuel Oils																	
Refinery	3,849	174	4,023	76	2,370	348	628	3,422	332	4,945	3,790	319	50	9,436	550	8,392	25,823
Bulk Terminal	20,923	66	20,989	244	2,250	210	831	3,535	9	1,336	3,860	39	0	5,244	0	2,522	32,290
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	24,772	240	25,012	320	4,620	558	1,459	6,957	341	6,281	7,650	358	50	14,680	550	10,929	58,128
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	269	0	269	0	318	0	94	412	124	1,689	411	12	0	2,236	0	232	3,149
Total	269	0	269	0	318	0	94	412	124	1,689	411	12	0	2,236	0	232	3,149
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	4	88	92	0	190	0	1	191	168	704	291	38	0	1,201	0	166	1,650
Total	4	88	92	0	190	0	1	191	168	704	291	38	0	1,201	0	166	1,650
Special Naphthas																	
Refinery	22	51	73	1	178	0	193	372	45	1,313	38	171	0	1,567	2	300	2,314
Bulk Terminal	959	7	966	79	154	28	37	298	0	2	1	8	0	11	0	45	1,320
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	124	0	0	0	0	124	0	0	124
Total	981	58	1,039	80	332	28	230	670	169	1,315	39	179	0	1,702	2	345	3,758

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, March 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	166	488	654	0	64	0	74	138	0	245	121	0	0	366	7	46	1,211
Neutral	781	329	1,110	0	550	0	440	990	0	1,735	1,119	59	0	2,913	77	517	5,607
Other	756	131	887	0	177	0	140	317	45	2,059	338	142	1	2,585	10	103	3,902
Bulk Terminals	1,036	252	1,288	15	439	25	97	576	8	30	262	68	3	371	1	749	2,985
Total	2,739	1,200	3,939	15	1,230	25	751	2,021	53	4,069	1,840	269	4	6,235	95	1,415	13,705
Wax, Microcrystalline																	
Refinery	0	38	38	0	0	0	15	15	25	25	8	0	0	58	0	0	111
Total	0	38	38	0	0	0	15	15	25	25	8	0	0	58	0	0	111
Wax, Crystalline--Fully Refined																	
Refinery	12	24	36	0	29	0	21	50	0	75	128	0	0	203	6	35	330
Total	12	24	36	0	29	0	21	50	0	75	128	0	0	203	6	35	330
Wax, Crystalline--Other																	
Refinery	3	65	68	0	4	0	9	13	0	122	0	0	0	122	0	21	224
Total	3	65	68	0	4	0	9	13	0	122	0	0	0	122	0	21	224
Petroleum Coke																	
Refinery	999	0	999	0	355	347	233	935	0	105	533	28	0	666	568	1,526	4,694
Total	999	0	999	0	355	347	233	935	0	105	533	28	0	666	568	1,526	4,694
Asphalt																	
Refinery	2,094	426	2,520	409	3,419	2,219	1,638	7,685	813	792	901	1,310	277	4,093	3,175	2,152	19,625
Bulk Terminal	2,456	431	2,887	175	1,425	1,048	227	2,875	0	0	178	50	0	228	0	386	6,376
Total	4,550	857	5,407	584	4,844	3,267	1,865	10,560	813	792	1,079	1,360	277	4,321	3,175	2,538	26,001
Road Oil																	
Refinery	0	0	0	0	8	0	5	13	0	0	0	2	0	2	3	20	38
Total	0	0	0	0	8	0	5	13	0	0	0	2	0	2	3	20	38
Miscellaneous Products																	
Refinery	286	36	322	2	66	12	30	110	67	411	123	48	0	649	0	291	1,372
Bulk Terminal	127	0	127	0	27	5	3	35	0	0	0	16	0	16	0	136	314
Pipeline	2	10	12	9	15	0	0	24	48	0	0	0	0	48	0	0	84
Natural Gas Processing Plant	0	0	0	0	2	0	0	2	66	701	1	22	0	790	2	0	794
Total	415	46	461	11	110	17	33	171	181	1,112	124	86	0	1,503	2	427	2,564
Total Stocks, All Oils	—	—	198,907	—	—	—	—	284,832	—	—	—	—	—	694,345	39,819	174,045	1,391,947

[1] Crude oil data are not collected by refinery district.

[2] Includes 33,109 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	14,702	—	—	—	—	16,786	—	—	—	—	—	47,360	2,953	24,964	106,765
Tank Farms and Pipelines	—	—	2,384	—	—	—	—	63,258	—	—	—	—	—	94,529	11,734	25,267	197,172
Leases	—	—	63	—	—	—	—	1,589	—	—	—	—	—	17,545	1,469	1,716	22,382
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	255,534	0	0	255,534
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	28,500	28,500
Total	—	—	17,149	—	—	—	—	81,633	—	—	—	—	—	414,968	16,156	80,447	610,353
Petroleum Products																	
Refinery	39,021	4,527	43,548	1,015	41,921	8,059	22,244	73,239	10,908	79,368	45,339	5,147	1,734	142,496	16,009	66,422	341,714
Bulk Terminal	89,184	5,673	94,857	3,612	34,725	7,910	10,798	57,045	4,055	34,070	6,637	3,688	505	48,955	2,472	19,543	222,872
Pipeline	25,175	1,449	26,624	1,222	11,581	3,265	15,764	31,832	7,619	8,952	6,719	13,156	1,035	37,481	2,870	3,907	102,714
Natural Gas Processing Plant	329	267	596	0	1,726	145	19,095	20,967	4,823	26,313	9,603	3,771	1,081	45,591	266	478	67,897
Total	153,709	11,916	165,625	5,849	89,953	19,379	67,901	183,083	27,405	148,703	68,298	25,762	4,355	274,523	21,617	90,350	735,197
Natural Gasoline and Isopentane																	
Refinery	1	0	1	0	31	49	144	224	75	761	197	2	24	1,059	17	49	1,350
Pipeline	0	0	0	0	38	0	199	237	150	72	0	48	45	315	157	20	729
Natural Gas Processing Plant	1	29	30	0	15	17	1,477	1,509	378	5,324	464	22	92	6,280	42	22	7,882
Total	2	29	31	0	84	66	1,820	1,970	603	6,157	661	72	161	7,654	216	91	9,961
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	30	108	0	28	28	0	0	56	0	0	164
Natural Gas Processing Plant	0	0	0	0	101	2	1,315	1,418	257	1,599	181	6	123	2,165	38	2	3,622
Total	0	0	0	0	179	2	1,345	1,526	257	1,627	209	6	123	2,221	38	2	3,786
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	10	93	0	84	0	187	0	0	193
Pipeline	0	0	0	0	0	0	0	0	860	277	49	5	17	1,208	0	0	1,208
Natural Gas Processing Plant	0	0	0	0	2	0	4	5	40	34	12	11	1	98	3	0	106
Total	0	0	0	0	8	0	4	11	910	404	61	100	18	1,493	3	0	1,507
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	542	0	0	0	542	0	0	550
Bulk Terminal	0	0	0	0	91	0	40	131	0	1,007	0	0	0	1,007	0	0	1,138
Pipeline	0	0	0	0	16	1,019	137	1,172	196	79	121	0	3	399	0	0	1,571
Natural Gas Processing Plant	0	0	0	0	25	0	550	575	142	1,351	442	1	0	1,935	0	0	2,510
Total	0	0	0	0	140	1,019	727	1,886	338	2,979	563	1	3	3,883	0	0	5,769
Propane for Petro Feed. Use.																	
Refinery	37	0	37	0	64	0	1	65	0	8	385	0	0	393	1	0	496
Total	37	0	37	0	64	0	1	65	0	8	385	0	0	393	1	0	496
Propane for Other Uses																	
Refinery	365	3	368	1	539	29	225	794	193	525	792	3	4	1,517	71	135	2,885
Bulk Terminal	151	0	151	0	695	69	465	1,229	134	14,964	0	33	0	15,131	27	0	16,538
Pipeline	876	251	1,127	24	1,515	157	1,675	3,371	459	77	248	598	166	1,548	139	0	6,185
Natural Gas Processing Plant	278	234	513	0	1,476	108	12,429	14,013	2,691	5,252	5,290	3,495	314	17,042	146	188	31,901
Total	1,670	488	2,159	25	4,225	363	14,794	19,407	3,477	20,818	6,330	4,129	484	35,238	383	323	57,509

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	10	0	10	0	20	0	1	0	21	1	3	35
Total	0	0	0	0	0	10	0	10	0	20	0	1	0	21	1	3	35
Butane for Other Uses																	
Refinery	118	3	121	58	377	38	312	785	103	527	791	2	3	1,426	122	548	3,002
Bulk Terminal	73	0	73	0	195	0	157	352	106	2,781	0	0	0	2,887	0	0	3,312
Pipeline	37	69	106	36	921	15	190	1,162	917	33	5	126	73	1,154	72	0	2,494
Natural Gas Processing Plant	34	2	36	0	97	15	1,315	1,427	592	3,481	2,190	107	87	6,457	32	187	8,140
Total	262	74	336	94	1,590	68	1,974	3,726	1,718	6,822	2,986	235	163	11,924	226	735	16,948
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	3
Total	0	0	0	0	0	0	0	0	1	0	2	0	0	3	0	0	3
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	1	5	12	1	9	28	4	178	211
Bulk Terminal	0	0	0	0	11	0	1	12	0	0	0	0	0	0	0	0	12
Pipeline	0	0	0	0	0	0	15	15	612	26	10	0	1	649	0	0	664
Natural Gas Processing Plant	1	0	1	0	0	0	24	24	50	7	7	0	0	64	0	4	94
Total	1	0	1	0	12	0	40	52	663	38	29	1	10	741	4	182	981
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
Bulk Terminal	0	0	0	0	0	0	7	7	430	5,147	0	0	0	5,577	0	0	5,584
Pipeline	0	0	0	0	66	0	562	628	573	126	2	0	128	829	173	0	1,630
Natural Gas Processing Plant	0	0	0	0	0	0	1,130	1,130	260	6,762	0	0	458	7,480	0	0	8,610
Total	0	0	0	0	66	0	1,699	1,765	1,263	12,036	2	0	586	13,887	173	0	15,825
Isobutane																	
Refinery	4	1	5	45	162	21	156	384	152	219	308	10	5	694	51	30	1,164
Bulk Terminal	0	0	0	0	82	0	113	195	20	768	0	0	0	788	0	0	983
Pipeline	0	0	0	0	582	1	84	667	81	78	0	50	60	269	45	0	981
Natural Gas Processing Plant	1	1	2	0	8	4	851	863	139	1,744	1,016	93	5	2,996	1	75	3,936
Total	5	2	7	45	834	26	1,204	2,109	392	2,809	1,324	153	70	4,747	97	105	7,064
Other Hydrocarbons and Alcohol																	
Refinery	0	7	7	0	114	0	1	115	8	70	12	0	0	90	0	3	215
Total	0	7	7	0	114	0	1	115	8	70	12	0	0	90	0	3	215
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,997	567	4,564	38	3,194	124	1,388	4,744	1,234	7,845	5,457	181	151	14,868	592	5,327	30,095
Kerosene and Lighter Gas Oils	1,612	42	1,654	0	4,205	4	758	4,967	472	6,423	1,301	40	2	8,238	508	4,052	19,419
Heavy Gas Oils	7,745	367	8,112	95	3,936	224	2,941	7,196	1,604	11,809	6,824	377	59	20,673	1,230	12,425	49,636
Residuum	1,522	249	1,771	3	3,660	23	1,861	5,547	253	3,995	2,435	36	10	6,729	526	5,379	19,952
Total	14,876	1,225	16,101	136	14,995	375	6,948	22,454	3,563	30,072	16,017	634	222	50,508	2,856	27,183	119,102

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	4,151	211	4,362	46	5,623	740	2,565	8,974	1,546	8,780	6,533	99	184	17,142	3,118	7,560	41,156
Bulk Terminal	255	2	257	6	203	1	252	462	116	268	0	1	0	385	0	96	1,200
Pipeline	0	0	0	0	29	2	237	268	67	0	0	0	0	67	0	0	335
Total	4,406	213	4,619	52	5,855	743	3,054	9,704	1,729	9,048	6,533	100	184	17,594	3,118	7,656	42,691
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	164	0	17	181	37	108	36	0	0	181	0	177	539
Total	0	0	0	0	164	0	17	181	37	108	36	0	0	181	0	177	539
Total Finished Motor Gasoline																	
Refinery	5,627	402	6,029	74	5,653	2,015	3,752	11,494	2,229	9,772	4,664	957	239	17,861	2,691	7,069	45,144
Bulk Terminal	32,798	2,695	35,493	1,949	16,810	3,482	4,708	26,949	1,903	3,895	1,464	2,332	350	9,944	1,632	8,509	82,527
Pipeline	14,491	773	15,264	731	5,759	1,189	6,897	14,576	1,646	4,904	3,729	7,404	130	17,813	1,510	1,746	50,909
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	0	0	0	0	0	0	3	0	17
Total Finished Motor Gasoline	52,930	3,870	56,800	2,754	28,222	6,686	15,357	53,019	5,778	18,571	9,857	10,693	719	45,618	5,836	17,324	178,597
Finished Leaded Motor Gasoline																	
Refinery	2,468	230	2,698	38	3,118	933	1,937	6,026	1,196	4,622	2,417	822	165	9,222	1,791	3,220	22,957
Bulk Terminal	15,034	1,351	16,385	961	8,255	1,986	2,639	13,841	975	2,328	701	1,081	232	5,317	999	4,484	41,026
Pipeline	7,354	322	7,676	392	2,892	720	3,746	7,750	738	2,452	1,984	3,523	82	8,779	1,002	767	25,974
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	0	0	0	0	0	0	2	0	16
Total	24,870	1,903	26,773	1,391	14,265	3,639	8,322	27,617	2,909	9,402	5,102	5,426	479	23,318	3,794	8,471	89,973
Finished Unleaded Motor Gasoline																	
Refinery	3,159	172	3,331	36	2,535	1,082	1,815	5,468	1,033	5,150	2,247	135	74	8,639	898	3,843	22,179
Bulk Terminal	17,748	1,344	19,092	988	8,529	1,496	2,067	13,080	928	1,567	763	1,251	118	4,627	633	4,025	41,457
Pipeline	7,137	451	7,588	339	2,867	468	3,151	6,825	891	2,452	1,745	3,881	48	9,017	508	979	24,917
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	28,044	1,967	30,011	1,363	13,931	3,046	7,033	25,373	2,852	9,169	4,755	5,267	240	22,283	2,040	8,847	88,554
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	8
Bulk Terminal	16	0	16	0	26	0	2	28	0	0	0	0	0	0	0	0	44
Pipeline	0	0	0	0	0	1	0	1	17	0	0	0	0	17	0	0	18
Total	16	0	16	0	26	1	2	29	17	0	0	0	0	17	2	6	70
Finished Aviation Gasoline																	
Refinery	23	0	23	0	142	0	67	209	22	298	177	0	0	497	48	169	946
Bulk Terminal	398	39	437	1	201	51	64	317	63	33	6	35	14	151	11	402	1,318
Pipeline	5	0	5	0	0	0	30	30	0	1	0	0	0	1	0	0	36
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	94	0	0	0	0	94	0	0	94
Total	426	39	465	1	343	51	161	556	179	332	183	35	14	743	59	571	2,394
Naphtha-Type Jet Fuel																	
Refinery	234	56	290	0	210	29	562	801	227	787	564	153	232	1,963	169	936	4,159
Bulk Terminal	25	0	25	3	32	47	139	221	134	4	0	48	0	186	18	88	538
Pipeline	312	0	312	3	1	83	99	186	153	0	1	129	237	520	123	467	1,608
Total	571	56	627	6	243	159	800	1,208	514	791	565	330	469	2,669	310	1,491	6,305

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,114	11	1,125	55	1,167	89	300	1,611	331	3,144	2,526	10	23	6,034	345	4,051	13,166
Bulk Terminal	4,855	179	5,034	65	2,043	432	925	3,465	236	1,514	65	35	58	1,908	144	2,458	13,009
Pipeline	3,344	98	3,442	94	913	133	1,902	3,042	1,057	1,152	757	1,399	41	4,406	122	567	11,579
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Total	9,313	288	9,601	214	4,123	654	3,127	8,118	1,626	5,810	3,348	1,444	122	12,350	611	7,076	37,756
Kerosene																	
Refinery	206	105	311	0	604	29	264	897	40	1,309	446	6	67	1,868	27	92	3,195
Bulk Terminal	2,741	248	2,989	191	837	55	11	1,094	9	563	57	23	0	652	29	48	4,812
Pipeline	532	24	556	100	96	0	298	494	6	122	325	60	0	513	0	15	1,578
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	3	0	0	3
Total	3,479	377	3,856	291	1,537	84	573	2,485	57	1,994	828	89	68	3,036	56	155	9,588
Total Distillate Fuel Oils																	
Refinery	3,652	510	4,162	54	4,404	1,440	3,482	9,380	999	8,509	4,600	1,041	379	15,528	2,007	5,068	36,145
Bulk Terminal	23,169	1,834	25,003	916	9,294	2,500	2,883	15,593	888	2,060	1,329	907	78	5,262	610	4,391	50,859
Pipeline	5,576	221	5,797	221	1,545	666	3,405	5,837	823	1,976	1,444	3,337	134	7,714	529	1,076	20,953
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total Distillate Fuel Oil	32,397	2,565	34,962	1,191	15,243	4,606	9,770	30,810	2,711	12,545	7,373	5,285	591	28,505	3,146	10,535	107,958
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	3,652	500	4,152	54	4,385	1,440	3,482	9,361	936	8,209	4,440	970	300	14,855	1,997	5,023	35,388
Bulk Terminal	21,978	1,834	23,812	896	9,221	2,499	2,883	15,499	888	2,060	1,329	906	78	5,261	610	4,374	49,556
Pipeline	5,576	221	5,797	221	1,545	666	3,405	5,837	823	1,976	1,444	3,337	134	7,714	529	1,076	20,953
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
Total	31,206	2,555	33,761	1,171	15,151	4,605	9,770	30,697	2,648	12,245	7,213	5,213	512	27,831	3,136	10,473	105,898
No. 4 Fuel Oil																	
Refinery	0	10	10	0	19	0	0	19	63	300	160	71	79	673	10	45	757
Bulk Terminal	1,191	0	1,191	20	73	1	0	94	0	0	0	1	0	1	0	17	1,303
Total	1,191	10	1,201	20	92	1	0	113	63	300	160	72	79	674	10	62	2,060
Residual Fuel Oils																	
Refinery	3,084	200	3,284	85	2,299	400	507	3,291	316	4,862	3,566	310	70	9,124	523	7,708	23,930
Bulk Terminal	20,089	39	20,128	176	1,871	172	680	2,899	7	1,020	3,338	27	0	4,392	0	2,258	29,677
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17
Total	23,173	239	23,412	261	4,170	572	1,187	6,190	323	5,883	6,904	337	70	13,517	523	9,982	53,624
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	147	0	147	0	90	0	60	150	85	1,674	458	10	0	2,227	0	216	2,740
Total	147	0	147	0	90	0	60	150	85	1,674	458	10	0	2,227	0	216	2,740
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	2	103	105	0	205	0	1	206	108	582	273	26	0	989	0	157	1,457
Total	2	103	105	0	205	0	1	206	108	582	273	26	0	989	0	157	1,457
Special Naphthas																	
Refinery	20	40	60	1	148	0	197	346	34	1,150	80	148	0	1,412	4	252	2,074
Bulk Terminal	1,000	8	1,008	75	160	22	39	296	0	18	0	8	0	26	0	54	1,384
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	129	0	0	0	0	129	0	0	129
Total	1,020	48	1,068	76	308	22	236	642	163	1,168	80	156	0	1,567	4	306	3,587

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, April 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	143	459	602	0	56	0	69	125	0	268	64	0	0	332	6	55	1,120
Neutral	695	335	1,030	0	614	0	426	1,040	0	1,728	849	70	0	2,647	86	599	5,402
Other	784	169	953	0	180	0	120	300	37	2,140	298	131	1	2,607	8	109	3,977
Bulk Terminals	1,084	231	1,315	14	441	20	72	547	9	28	200	85	5	327	1	665	2,855
Total	2,706	1,194	3,900	14	1,291	20	687	2,012	46	4,164	1,411	286	6	5,913	101	1,428	13,354
Wax, Microcrystalline																	
Refinery	0	45	45	0	0	0	15	15	26	23	8	0	0	57	0	0	117
Total	0	45	45	0	0	0	15	15	26	23	8	0	0	57	0	0	117
Wax, Crystalline–Fully Refined																	
Refinery	12	26	38	0	27	0	23	50	0	55	125	0	0	180	9	35	312
Total	12	26	38	0	27	0	23	50	0	55	125	0	0	180	9	35	312
Wax, Crystalline–Other																	
Refinery	4	76	80	0	3	0	7	10	0	133	0	0	0	133	0	24	247
Total	4	76	80	0	3	0	7	10	0	133	0	0	0	133	0	24	247
Petroleum Coke																	
Refinery	1,077	0	1,077	0	428	389	197	1,014	2	121	530	75	0	728	540	1,434	4,793
Total	1,077	0	1,077	0	428	389	197	1,014	2	121	530	75	0	728	540	1,434	4,793
Asphalt																	
Refinery	2,304	500	2,804	459	3,522	2,387	1,790	8,158	707	669	753	1,311	272	3,712	3,301	2,267	20,242
Bulk Terminal	2,469	398	2,867	216	1,740	1,055	241	3,252	0	0	166	136	0	302	0	456	6,877
Total	4,773	898	5,671	675	5,262	3,442	2,031	11,410	707	669	919	1,447	272	4,014	3,301	2,723	27,119
Road Oil																	
Refinery	0	0	0	0	16	0	6	22	0	0	0	2	0	2	4	26	54
Total	0	0	0	0	16	0	6	22	0	0	0	2	0	2	4	26	54
Miscellaneous Products																	
Refinery	341	40	381	1	69	19	30	119	56	413	273	61	0	803	0	289	1,592
Bulk Terminal	77	0	77	0	19	4	1	24	0	0	12	18	0	30	0	118	249
Pipeline	2	13	15	13	22	0	4	39	19	0	0	0	0	19	0	0	73
Natural Gas Processing Plant	0	0	0	0	2	0	0	2	48	758	0	36	0	844	1	0	848
Total	420	53	473	14	112	23	35	184	123	1,171	285	115	0	1,696	1	407	2,762
Total Stocks, All Oils	--	--	182,774	--	--	--	--	264,716	--	--	--	--	--	689,491	37,773	170,797	1,345,550

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1 Crude oil data are not collected by refinery district.

2 Includes 33,470 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (Incl. lease condensate)[1]																	
Refinery	--	--	15,356	--	--	--	--	15,177	--	--	--	--	--	45,255	2,572	23,331	101,691
Tank Farms and Pipelines	--	--	1,886	--	--	--	--	61,727	--	--	--	--	--	94,312	11,913	28,813	198,651
Leases	--	--	68	--	--	--	--	1,642	--	--	--	--	--	18,220	1,516	1,869	23,315
Strategic Petroleum Reserve[2]	--	--	0	--	--	--	--	0	--	--	--	--	--	260,994	0	0	260,994
Alaskan In-Transit	--	--	0	--	--	--	--	0	--	--	--	--	--	0	0	24,807	24,807
Total	--	--	17,310	--	--	--	--	78,546	--	--	--	--	--	418,781	16,001	78,820	609,458
Petroleum Products																	
Refinery	38,430	4,411	42,841	972	41,729	6,709	23,050	72,460	10,486	79,041	49,983	4,822	1,632	145,964	14,945	64,096	340,306
Bulk Terminal	96,537	5,841	102,378	3,159	31,849	7,163	10,573	52,744	3,950	35,438	6,071	3,458	476	49,393	2,518	18,511	225,544
Pipeline	25,893	1,577	27,470	1,063	11,225	3,384	15,585	31,257	7,308	8,860	7,194	13,362	1,132	37,856	2,763	3,872	103,218
Natural Gas Processing Plant	413	345	758	0	1,910	149	19,818	21,877	4,831	25,955	9,297	3,893	826	44,801	257	469	68,163
Total	161,273	12,174	173,447	5,194	86,713	17,405	69,026	178,338	26,575	149,294	72,545	25,535	4,066	278,014	20,483	86,948	737,231
Natural Gasoline and Isopentane																	
Refinery	3	0	3	0	44	21	234	299	83	606	156	2	19	866	12	36	1,216
Pipeline	0	0	0	0	10	58	334	402	130	132	0	45	46	353	157	27	939
Natural Gas Processing Plant	3	17	20	0	20	17	1,537	1,575	389	4,564	350	23	53	5,379	42	23	7,040
Total	6	17	23	0	74	96	2,105	2,276	602	5,302	506	70	118	6,598	211	86	9,195
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	28	106	0	28	28	0	0	56	0	0	162
Natural Gas Processing Plant	0	0	0	0	98	2	1,491	1,591	237	1,303	173	6	150	1,868	32	2	3,492
Total	0	0	0	0	176	2	1,519	1,697	237	1,331	201	6	150	1,924	32	2	3,654
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	9	198	0	84	0	291	0	0	296
Pipeline	0	0	0	0	3	0	0	3	870	297	49	4	17	1,237	0	0	1,240
Natural Gas Processing Plant	0	0	0	0	2	0	4	6	46	26	12	9	1	94	3	0	103
Total	0	0	0	0	10	0	4	14	925	521	61	97	18	1,622	3	0	1,639
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	466	0	0	0	466	0	0	474
Bulk Terminal	0	0	0	0	90	0	45	135	0	1,038	0	0	0	1,038	0	0	1,173
Pipeline	0	0	0	0	27	926	137	1,090	232	77	118	0	3	430	0	0	1,520
Natural Gas Processing Plant	0	0	0	0	24	1	564	588	149	1,624	299	1	0	2,073	0	0	2,662
Total	0	0	0	0	149	927	746	1,821	381	3,205	417	1	3	4,007	0	0	5,829
Propane for Petro Feed. Use.																	
Refinery	65	0	65	0	98	0	1	99	0	7	540	0	0	547	1	0	712
Total	65	0	65	0	98	0	1	99	0	7	540	0	0	547	1	0	712
Propane for Other Uses																	
Refinery	427	7	434	6	808	24	202	1,040	221	483	858	5	4	1,571	96	113	3,254
Bulk Terminal	177	0	177	0	831	53	452	1,336	106	15,242	0	45	0	15,393	26	0	16,932
Pipeline	862	370	1,232	60	1,448	181	1,686	3,375	440	81	242	748	166	1,677	144	0	6,428
Natural Gas Processing Plant	365	320	685	0	1,652	117	12,878	14,647	2,665	5,491	5,423	3,589	267	17,435	136	208	33,111
Total	1,831	697	2,528	66	4,739	375	15,218	20,398	3,432	21,297	6,523	4,387	437	36,076	402	321	59,725

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	14	2	16	0	26	0	2	0	28	2	2	48
Total	0	0	0	0	0	14	2	16	0	26	0	2	0	28	2	2	48
Butane for Other Uses																	
Refinery	66	3	69	66	549	11	318	944	115	599	794	3	3	1,514	128	540	3,195
Bulk Terminal	118	0	118	0	305	0	115	420	324	3,510	0	0	0	3,834	0	0	4,372
Pipeline	8	172	180	0	986	0	118	1,104	923	35	5	20	73	1,056	82	0	2,422
Natural Gas Processing Plant	26	5	30	0	100	10	1,560	1,670	606	3,805	2,015	143	79	6,648	40	219	8,607
Total	218	180	397	66	1,940	21	2,111	4,138	1,968	7,949	2,814	166	155	13,052	250	759	18,596
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	2	0	0	2	0	5	22	0	14	41	3	183	229
Bulk Terminal	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	6
Pipeline	0	0	0	0	0	0	17	17	621	26	10	0	1	658	0	0	675
Natural Gas Processing Plant	7	0	7	0	1	0	50	51	31	10	0	2	0	42	0	6	106
Total	7	0	7	0	9	0	67	76	652	41	32	2	15	741	3	189	1,016
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulk Terminal	0	0	0	0	0	0	8	8	40	4,300	0	0	0	4,340	0	0	4,348
Pipeline	0	0	0	0	66	0	486	552	281	84	2	0	127	494	173	0	1,219
Natural Gas Processing Plant	0	0	0	0	0	0	1,083	1,083	249	6,303	0	0	255	6,808	0	0	7,891
Total	0	0	0	0	66	0	1,577	1,643	570	10,687	2	0	382	11,642	173	0	13,458
Isobutane																	
Refinery	0	2	2	19	167	11	165	362	128	270	424	9	5	836	41	21	1,262
Bulk Terminal	0	0	0	0	48	0	25	73	29	1,277	0	0	0	1,306	0	0	1,379
Pipeline	0	0	0	0	469	0	144	613	119	52	0	0	60	231	45	0	889
Natural Gas Processing Plant	2	3	5	0	11	2	651	663	178	1,925	1,022	97	20	3,242	1	11	3,922
Total	2	5	7	19	695	13	985	1,711	454	3,524	1,446	106	85	5,615	87	32	7,452
Other Hydrocarbons and Alcohol																	
Refinery	0	17	17	0	99	0	1	100	8	70	15	0	0	93	0	8	218
Total	0	17	17	0	99	0	1	100	8	70	15	0	0	93	0	8	218
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,150	312	3,462	53	3,633	131	1,721	5,538	1,129	7,245	5,396	183	214	14,167	489	5,965	29,621
Kerosene and Lighter Gas Oils	1,622	12	1,634	0	3,384	5	1,031	4,420	343	6,640	1,349	200	7	8,539	445	4,195	19,233
Heavy Gas Oils	6,027	410	6,437	78	3,572	335	2,814	6,799	1,322	11,280	7,105	215	88	20,010	1,791	13,357	48,394
Residuum	2,235	288	2,523	3	3,942	18	1,844	5,807	320	3,855	2,917	35	10	7,137	465	5,020	20,952
Total	13,034	1,022	14,056	134	14,531	489	7,410	22,564	3,114	29,020	16,767	633	319	49,853	3,190	28,537	118,200

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	4,803	152	4,955	35	4,895	572	2,635	8,137	1,482	9,217	6,635	106	142	17,582	2,176	6,657	39,507
Bulk Terminal	283	1	284	6	85	1	184	276	26	262	0	1	0	289	0	262	1,111
Pipeline	0	0	0	0	28	2	125	155	57	0	0	0	0	57	0	0	212
Total	5,086	153	5,239	41	5,008	575	2,944	8,568	1,565	9,479	6,635	107	142	17,928	2,176	6,919	40,830
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	176	0	6	182	35	93	103	0	0	231	0	172	585
Total	0	0	0	0	176	0	6	182	35	93	103	0	0	231	0	172	585
Total Finished Motor Gasoline																	
Refinery	5,227	362	5,589	94	5,226	1,094	3,162	9,576	1,867	8,697	6,113	780	119	17,576	2,518	6,467	41,726
Bulk Terminal	32,330	2,841	35,171	1,452	15,422	2,919	4,564	24,357	1,905	4,766	1,734	1,982	270	10,657	1,635	7,765	79,585
Pipeline	16,817	736	17,553	609	5,421	1,296	6,254	13,580	1,530	4,578	3,928	7,101	171	17,308	1,334	2,012	51,787
Natural Gas Processing Plant	11	0	11	0	0	0	0	0	0	0	0	0	0	0	2	0	13
Total Finished Motor Gasoline	54,385	3,939	58,324	2,155	26,069	5,309	13,980	47,513	5,302	18,041	11,775	9,863	560	45,541	5,489	16,244	173,111
Finished Leaded Motor Gasoline																	
Refinery	2,266	192	2,458	62	2,472	571	1,873	4,978	1,080	4,275	3,418	680	77	9,530	1,585	2,998	21,549
Bulk Terminal	15,420	1,284	16,704	800	7,629	1,518	2,503	12,450	858	2,642	974	930	162	5,566	1,028	3,939	39,687
Pipeline	9,309	282	9,591	314	2,956	734	3,671	7,675	643	2,180	1,487	3,107	99	7,516	951	1,021	26,754
Natural Gas Processing Plant	11	0	11	0	0	0	0	0	0	0	0	0	0	0	1	0	12
Total	27,006	1,758	28,764	1,176	13,057	2,823	8,047	25,103	2,581	9,097	5,879	4,717	338	22,612	3,565	7,958	88,002
Finished Unleaded Motor Gasoline																	
Refinery	2,961	170	3,131	32	2,754	523	1,289	4,598	787	4,422	2,695	100	42	8,046	931	3,464	20,170
Bulk Terminal	16,896	1,557	18,453	652	7,777	1,401	2,057	11,887	1,047	2,124	760	1,052	108	5,091	607	3,826	39,864
Pipeline	7,508	454	7,962	295	2,465	560	2,583	5,903	887	2,398	2,441	3,994	72	9,792	383	991	25,031
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	27,365	2,181	29,546	979	12,996	2,484	5,929	22,388	2,721	8,944	5,896	5,146	222	22,929	1,922	8,281	85,066
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7
Bulk Terminal	14	0	14	0	16	0	4	20	0	0	0	0	0	0	0	0	34
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	14	0	14	0	16	2	4	22	0	0	0	0	0	0	2	5	43
Finished Aviation Gasoline																	
Refinery	25	0	25	0	98	0	66	164	17	396	169	0	0	582	36	227	1,034
Bulk Terminal	368	29	397	0	183	58	87	328	65	61	2	26	17	171	19	419	1,334
Pipeline	0	0	0	0	10	0	33	43	0	1	0	0	0	1	0	0	44
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	53	0	0	0	0	53	0	0	53
Total	393	29	422	0	291	58	186	535	135	458	171	26	17	807	55	646	2,465
Naphtha-Type Jet Fuel																	
Refinery	197	167	364	0	421	64	496	981	227	1,029	490	139	188	2,073	226	705	4,349
Bulk Terminal	16	0	16	3	33	50	200	286	195	22	0	47	0	264	16	81	663
Pipeline	314	0	314	3	1	33	39	76	105	0	76	145	275	601	110	426	1,527
Total	527	167	694	6	455	147	735	1,343	527	1,051	566	331	463	2,938	352	1,212	6,539

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,211	15	1,226	63	1,187	76	193	1,519	342	3,265	2,144	10	28	5,789	348	3,296	12,178
Bulk Terminal	5,648	129	5,777	42	2,140	412	684	3,278	115	889	76	32	45	1,157	218	2,075	12,505
Pipeline	2,130	97	2,227	69	1,072	139	2,040	3,320	1,147	1,101	633	1,246	73	4,200	174	597	10,518
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Total	8,989	241	9,230	174	4,399	627	2,917	8,117	1,606	5,255	2,853	1,288	146	11,148	740	5,968	35,203
Kerosene																	
Refinery	119	116	235	0	664	28	385	1,077	38	767	467	9	71	1,352	21	122	2,807
Bulk Terminal	2,851	275	3,126	198	662	40	10	910	9	485	78	86	0	658	27	49	4,770
Pipeline	344	2	346	77	117	0	267	461	5	144	286	121	0	556	0	0	1,363
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	0	0	1	3	0	0	3
Total	3,314	393	3,707	275	1,443	68	662	2,448	55	1,396	831	216	72	2,569	48	171	8,943
Total Distillate Fuel Oils																	
Refinery	4,955	511	5,466	65	4,767	1,195	4,135	10,162	1,164	9,007	5,225	915	369	16,680	1,698	4,603	38,609
Bulk Terminal	26,173	1,916	28,089	931	7,948	2,280	3,161	14,320	1,118	2,227	1,086	962	141	5,534	576	4,365	52,884
Pipeline	5,413	174	5,587	219	1,480	749	3,877	6,325	808	2,221	1,817	3,932	120	8,898	544	794	22,148
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	3
Total Distillate Fuel Oil	36,541	2,601	39,142	1,215	14,195	4,224	11,174	30,808	3,092	13,455	8,128	5,809	630	31,114	2,818	9,762	113,644
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	4,955	499	5,454	65	4,740	1,195	4,135	10,135	1,047	8,770	5,048	883	235	15,983	1,685	4,533	37,790
Bulk Terminal	24,858	1,916	26,774	913	7,862	2,279	3,161	14,215	1,118	2,227	1,086	961	141	5,533	576	4,336	51,434
Pipeline	5,413	174	5,587	219	1,480	749	3,877	6,325	808	2,221	1,817	3,932	120	8,898	544	794	22,148
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	3
Total	35,226	2,589	37,815	1,197	14,082	4,223	11,174	30,676	2,975	13,218	7,951	5,776	496	30,416	2,805	9,663	111,375
No. 4 Fuel Oil																	
Refinery	0	12	12	0	27	0	0	27	117	237	177	32	134	697	13	70	819
Bulk Terminal	1,315	0	1,315	18	86	1	0	105	0	0	0	1	0	1	0	29	1,450
Total	1,315	12	1,327	18	113	1	0	132	117	237	177	33	134	698	13	99	2,269
Residual Fuel Oils																	
Refinery	3,311	240	3,551	33	2,446	402	508	3,389	410	5,433	4,606	360	90	10,899	489	6,908	25,236
Bulk Terminal	24,717	49	24,766	228	1,446	199	702	2,575	10	1,339	2,685	39	0	4,073	0	2,283	33,697
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17
Total	28,028	289	28,317	261	3,892	601	1,210	5,964	420	6,773	7,291	399	90	14,973	489	9,207	58,950
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	147	0	147	0	53	0	67	120	101	1,526	629	7	0	2,263	0	224	2,754
Total	147	0	147	0	53	0	67	120	101	1,526	629	7	0	2,263	0	224	2,754
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	4	122	126	0	251	0	1	252	117	777	268	26	0	1,188	0	113	1,679
Total	4	122	126	0	251	0	1	252	117	777	268	26	0	1,188	0	113	1,679
Special Naphthas																	
Refinery	19	36	55	1	172	0	174	347	19	1,248	88	122	0	1,477	5	303	2,187
Bulk Terminal	912	9	921	55	153	17	18	243	0	0	0	8	0	8	0	52	1,224
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	180	0	0	0	0	180	0	0	180
Total	931	45	976	56	325	17	192	590	199	1,248	88	130	0	1,665	5	355	3,591

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, May 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	136	435	571	0	61	0	102	163	0	250	43	0	0	293	3	36	1,066
Neutral	669	331	1,000	0	634	0	470	1,104	0	1,923	924	79	0	2,926	61	557	5,648
Other	730	155	885	0	163	0	133	296	30	2,299	321	129	0	2,779	9	103	4,072
Bulk Terminals	958	218	1,176	16	472	21	82	591	8	20	194	71	3	296	1	658	2,722
Total	2,493	1,139	3,632	16	1,330	21	787	2,154	38	4,492	1,482	279	3	6,294	74	1,354	13,508
Wax, Microcrystalline																	
Refinery	0	50	50	0	0	0	21	21	27	21	9	1	0	58	0	0	129
Total	0	50	50	0	0	0	21	21	27	21	9	1	0	58	0	0	129
Wax, Crystalline–Fully Refined																	
Refinery	15	27	42	0	50	0	19	69	0	68	171	0	0	239	5	37	392
Total	15	27	42	0	50	0	19	69	0	68	171	0	0	239	5	37	392
Wax, Crystalline–Other																	
Refinery	4	73	77	0	5	0	7	12	0	150	0	0	0	150	0	25	264
Total	4	73	77	0	5	0	7	12	0	150	0	0	0	150	0	25	264
Petroleum Coke																	
Refinery	1,037	0	1,037	0	498	266	167	931	0	65	682	127	0	874	529	1,443	4,814
Total	1,037	0	1,037	0	498	266	167	931	0	65	682	127	0	874	529	1,443	4,814
Asphalt																	
Refinery	1,748	525	2,273	455	3,525	2,423	1,934	8,337	861	677	1,076	1,198	261	4,073	3,344	2,450	20,477
Bulk Terminal	1,949	374	2,323	228	2,000	1,110	234	3,572	0	0	206	134	0	340	0	420	6,655
Total	3,697	899	4,596	683	5,525	3,533	2,168	11,909	861	677	1,282	1,332	261	4,413	3,344	2,870	27,132
Road Oil																	
Refinery	0	0	0	0	56	0	5	61	0	0	0	2	0	2	4	29	96
Total	0	0	0	0	56	0	5	61	0	0	0	2	0	2	4	29	96
Miscellaneous Products																	
Refinery	478	43	521	1	70	19	31	121	71	383	244	74	0	772	0	179	1,593
Bulk Terminal	37	0	37	0	25	3	2	30	0	0	10	25	0	35	0	82	184
Pipeline	5	26	31	26	9	0	0	35	40	2	0	0	0	42	0	0	108
Natural Gas Processing Plant	0	0	0	0	2	0	0	3	41	904	1	23	0	971	1	0	974
Total	520	69	589	27	106	22	33	189	152	1,289	255	122	0	1,820	1	261	2,859
Total Stocks, All Oils	—	—	190,757	—	—	—	—	256,884	—	—	—	—	—	696,795	36,484	165,768	1,346,689

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[1] Crude oil data are not collected by refinery district.

[2] Includes 33,514 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	--	--	16,082	—	--	--	--	15,347	--	--	--	--	--	44,277	2,219	23,065	100,990
Tank Farms and Pipelines	--	--	2,413	—	--	--	--	57,699	--	--	--	--	--	94,358	11,399	29,462	195,331
Leases	--	--	95	—	--	--	--	1,629	--	--	--	--	--	17,562	1,488	1,785	22,559
Strategic Petroleum Reserve[2]	--	--	0	—	--	--	--	0	--	--	--	--	--	264,141	0	0	264,141
Alaskan In-Transit	--	--	0	—	--	--	--	0	--	--	--	--	--	0	0	25,250	25,250
Total	--	--	18,590	—	--	--	--	74,675	--	--	--	--	--	420,338	15,106	79,562	608,271
Petroleum Products																	
Refinery	41,482	4,386	45,868	993	42,175	6,433	22,381	71,982	9,945	79,909	50,237	4,597	1,669	146,357	13,903	64,538	342,648
Bulk Terminal	102,943	5,690	108,633	3,432	32,566	7,680	10,836	54,514	4,203	36,657	7,059	3,895	282	52,096	2,216	19,104	236,563
Pipeline	26,024	1,737	27,761	1,240	11,263	3,389	16,011	31,903	7,069	8,387	7,165	13,251	1,104	36,976	2,643	3,984	103,267
Natural Gas Processing Plant	441	532	973	0	2,167	197	20,232	22,596	4,809	25,575	9,899	4,128	705	45,116	233	507	69,425
Total	170,890	12,345	183,235	5,665	88,171	17,699	69,460	180,995	26,026	150,528	74,360	25,871	3,760	280,545	18,995	88,133	751,903
Natural Gasoline and Isopentane																	
Refinery	4	0	4	0	26	24	185	235	112	583	116	1	26	838	8	28	1,113
Pipeline	0	0	0	0	40	49	469	558	127	41	0	112	61	341	166	35	1,100
Natural Gas Processing Plant	4	33	37	0	14	16	1,080	1,110	408	3,698	378	30	11	4,524	48	24	5,744
Total	8	33	41	0	80	89	1,734	1,903	647	4,322	494	143	98	5,703	222	87	7,957
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	10	88	0	28	28	0	0	56	0	0	144
Natural Gas Processing Plant	0	0	0	0	105	2	1,812	1,919	271	1,538	194	100	170	2,273	31	2	4,223
Total	0	0	0	0	183	2	1,822	2,007	271	1,566	222	100	170	2,329	31	2	4,367
Plant Condensate																	
Refinery	0	0	0	0	4	0	0	4	11	160	0	96	0	267	0	0	271
Pipeline	0	0	0	0	3	0	0	3	870	355	49	7	17	1,298	0	0	1,301
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	35	26	13	8	1	84	4	0	94
Total	0	0	0	0	9	0	5	14	916	541	62	111	18	1,649	4	0	1,666
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	457	0	0	0	457	0	4	470
Bulk Terminal	0	0	0	0	31	0	165	196	0	1,038	0	0	0	1,038	0	0	1,234
Pipeline	0	0	0	0	44	945	154	1,143	170	76	115	0	3	364	0	0	1,507
Natural Gas Processing Plant	0	0	0	0	24	0	676	699	64	1,623	152	1	0	1,840	0	0	2,540
Total	0	0	0	0	108	945	995	2,047	234	3,194	267	1	3	3,699	0	4	5,751
Propane for Petro Feed. Use.																	
Refinery	54	0	54	0	95	0	1	96	0	7	491	0	0	498	1	0	649
Total	54	0	54	0	95	0	1	96	0	7	491	0	0	498	1	0	649
Propane for Other Uses																	
Refinery	453	4	457	2	922	16	219	1,159	179	455	811	4	4	1,453	128	123	3,320
Bulk Terminal	312	0	312	0	949	38	471	1,458	124	15,571	111	21	0	15,827	35	0	17,632
Pipeline	847	514	1,361	60	1,316	171	1,515	3,062	388	106	241	583	166	1,484	122	0	6,029
Natural Gas Processing Plant	397	496	893	0	1,877	165	13,623	15,665	2,483	5,716	5,828	3,801	193	18,022	112	216	34,907
Total	2,009	1,014	3,023	62	5,064	390	15,828	21,344	3,174	21,848	6,991	4,409	363	36,786	397	339	61,888

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	18	0	18	0	31	0	1	0	32	2	3	55
Total	0	0	0	0	0	18	0	18	0	31	0	1	0	32	2	3	55
Butane for Other Uses																	
Refinery	192	0	192	87	502	85	316	990	134	643	806	1	2	1,586	157	551	3,476
Bulk Terminal	245	0	245	0	249	0	691	940	72	3,853	0	0	0	3,925	0	0	5,110
Pipeline	10	155	165	0	887	0	182	1,069	919	33	5	75	83	1,115	117	0	2,466
Natural Gas Processing Plant	27	3	30	0	85	11	1,754	1,851	795	4,544	2,261	124	73	7,797	37	248	9,962
Total	474	158	632	87	1,723	96	2,943	4,850	1,920	9,073	3,072	200	158	14,423	311	799	21,014
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	8	18	0	15	41	2	232	275
Bulk Terminal	0	0	0	0	9	0	1	10	0	0	0	0	0	0	0	0	10
Pipeline	0	0	0	0	0	0	17	17	600	26	10	0	1	637	0	0	654
Natural Gas Processing Plant	0	0	0	0	1	0	62	64	51	5	0	1	0	57	0	5	126
Total	0	0	0	0	10	0	80	91	651	39	28	1	16	735	2	237	1,065
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	1	1	181	3,423	0	0	0	3,604	0	0	3,605
Pipeline	0	0	0	0	66	0	485	551	286	85	2	0	105	478	157	0	1,186
Natural Gas Processing Plant	0	0	0	0	0	0	830	830	207	5,557	0	1	228	5,992	0	0	6,822
Total	0	0	0	0	66	0	1,316	1,382	674	9,065	2	1	333	10,074	157	0	11,613
Isobutane																	
Refinery	7	1	8	63	149	26	199	437	92	225	502	11	5	835	40	38	1,358
Bulk Terminal	0	0	0	0	72	0	13	85	56	1,545	0	0	0	1,601	0	0	1,686
Pipeline	0	0	0	0	420	0	142	562	67	36	0	52	56	211	43	0	816
Natural Gas Processing Plant	1	1	2	0	56	3	389	448	212	1,702	1,070	42	30	3,056	1	12	3,518
Total	8	2	10	63	697	29	743	1,532	427	3,508	1,572	105	91	5,703	84	50	7,378
Other Hydrocarbons and Alcohol																	
Refinery	0	19	19	0	112	0	0	112	1	70	9	0	0	80	0	11	222
Total	0	19	19	0	112	0	0	112	1	70	9	0	0	80	0	11	222
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,125	310	3,435	41	3,590	101	1,540	5,272	1,093	7,134	4,530	287	232	13,276	478	5,127	27,588
Kerosene and Lighter Gas Oils	2,185	11	2,196	0	3,190	11	845	4,046	459	10,165	1,356	29	18	12,027	454	4,517	23,240
Heavy Gas Oils	6,397	389	6,786	69	3,728	222	2,904	6,923	1,206	8,803	6,921	441	74	17,445	1,785	11,507	44,446
Residuum	3,595	325	3,920	1	4,190	54	2,077	6,322	385	3,916	2,703	20	3	7,027	439	5,016	22,724
Total	15,302	1,035	16,337	111	14,698	388	7,366	22,563	3,143	30,018	15,510	777	327	49,775	3,156	26,167	117,998
Motor Gasoline Blending Components																	
Refinery	5,039	183	5,222	29	5,137	537	2,151	7,854	1,305	8,890	7,578	116	155	18,044	1,830	7,470	40,420
Bulk Terminal	102	1	103	5	177	2	164	348	25	116	0	1	0	142	0	195	788
Pipeline	0	0	0	0	14	2	115	131	16	0	0	0	0	16	0	10	157
Total	5,141	184	5,325	34	5,328	541	2,430	8,333	1,346	9,006	7,578	117	155	18,202	1,830	7,675	41,365

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	100	0	6	106	36	63	123	0	0	222	0	143	471
Total	0	0	0	0	100	0	6	106	36	63	123	0	0	222	0	143	471
Total Finished Motor Gasoline																	
Refinery	4,952	384	5,336	86	5,205	1,107	3,514	9,912	1,730	8,811	5,974	561	133	17,209	2,239	6,990	41,686
Bulk Terminal	34,848	2,684	37,532	1,726	15,565	3,176	4,049	24,516	2,197	5,220	1,820	2,219	136	11,592	1,237	8,732	83,609
Pipeline	16,525	746	17,271	712	5,154	1,265	6,481	13,612	2,474	4,108	4,160	6,954	171	17,867	1,195	1,887	51,832
Natural Gas Processing Plant	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total Finished Motor Gasoline	56,337	3,814	60,151	2,524	25,924	5,548	14,044	48,040	6,401	18,139	11,954	9,734	440	46,668	4,671	17,609	177,139
Finished Leaded Motor Gasoline																	
Refinery	2,237	246	2,483	62	2,738	645	2,105	5,550	925	4,171	3,459	463	90	9,108	1,472	2,736	21,349
Bulk Terminal	17,442	1,282	18,724	894	7,684	1,690	2,337	12,605	1,039	3,180	822	1,091	85	6,217	758	4,503	42,807
Pipeline	7,927	343	8,270	373	2,654	719	3,718	7,464	977	2,064	2,311	2,947	106	8,405	822	873	25,834
Natural Gas Processing Plant	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	27,618	1,871	29,489	1,329	13,076	3,054	8,160	25,619	2,941	9,415	6,592	4,501	281	23,730	3,052	8,112	90,002
Finished Unleaded Motor Gasoline																	
Refinery	2,715	138	2,853	24	2,467	462	1,409	4,362	805	4,640	2,515	98	43	8,101	765	4,246	20,327
Bulk Terminal	17,400	1,402	18,802	832	7,864	1,486	1,710	11,892	1,158	2,040	998	1,128	51	5,375	479	4,229	40,777
Pipeline	8,598	403	9,001	339	2,500	544	2,763	6,146	1,497	2,044	1,849	4,007	65	9,462	373	1,014	25,996
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28,713	1,943	30,656	1,195	12,831	2,492	5,882	22,400	3,460	8,724	5,362	5,233	159	22,938	1,617	9,489	87,100
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	10
Bulk Terminal	6	0	6	0	17	0	2	19	0	0	0	0	0	0	0	0	25
Pipeline	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	6	0	6	0	17	2	2	21	0	0	0	0	0	0	2	8	37
Finished Aviation Gasoline																	
Refinery	23	0	23	0	149	0	48	197	19	312	149	0	0	480	16	220	936
Bulk Terminal	330	46	376	0	201	42	70	313	39	33	1	40	15	128	9	398	1,224
Pipeline	28	0	28	0	0	0	56	56	26	1	0	0	0	27	0	0	111
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	80	0	0	0	0	80	0	0	80
Total	381	46	427	0	350	42	174	566	164	346	150	40	15	715	25	618	2,351
Naphtha-Type Jet Fuel																	
Refinery	279	137	416	0	380	71	358	809	168	693	390	123	213	1,587	198	871	3,881
Bulk Terminal	8	0	8	3	75	38	220	336	191	19	0	45	0	255	16	102	717
Pipeline	298	0	298	11	1	10	49	71	154	0	8	171	290	623	123	335	1,450
Total	585	137	722	14	456	119	627	1,216	513	712	398	339	503	2,465	337	1,308	6,048
Kerosene-Type Jet Fuel																	
Refinery	1,151	18	1,169	57	1,388	83	219	1,747	388	3,013	1,934	9	46	5,390	288	3,288	11,882
Bulk Terminal	5,246	105	5,351	71	2,335	372	624	3,402	160	924	57	37	51	1,229	181	2,085	12,248
Pipeline	2,147	65	2,212	95	1,032	117	1,754	2,998	478	1,122	522	1,741	24	3,887	154	504	9,755
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8,544	188	8,732	223	4,755	572	2,597	8,147	1,026	5,059	2,513	1,787	121	10,506	623	5,877	33,885

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	98	122	220	0	548	26	364	938	31	1,062	454	13	73	1,633	21	165	2,977
Bulk Terminal	2,923	299	3,222	230	887	33	19	1,169	8	525	89	20	0	642	25	42	5,100
Pipeline	279	0	279	47	125	0	212	384	3	121	240	156	0	520	0	0	1,183
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	3
Total	3,300	421	3,721	277	1,560	59	595	2,491	44	1,708	783	189	73	2,798	46	207	9,263
Total Distillate Fuel Oils																	
Refinery	5,396	551	5,947	48	5,310	1,246	3,930	10,534	1,087	10,452	5,743	863	371	18,516	1,737	4,636	41,370
Bulk Terminal	30,335	1,780	32,115	955	8,437	2,832	3,310	15,534	1,121	2,574	999	1,289	77	6,060	712	4,405	58,826
Pipeline	5,890	257	6,147	315	2,083	830	4,370	7,598	422	2,246	1,785	3,400	127	7,980	566	1,199	23,490
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	41,621	2,588	44,209	1,318	15,830	4,908	11,611	33,667	2,631	15,272	8,527	5,552	575	32,557	3,015	10,240	123,688
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	5,396	538	5,934	48	5,268	1,246	3,930	10,492	1,003	10,165	5,549	791	269	17,777	1,723	4,581	40,507
Bulk Terminal	29,132	1,780	30,912	948	8,258	2,804	3,310	15,320	1,121	2,574	999	1,288	77	6,059	712	4,355	57,358
Pipeline	5,890	257	6,147	315	2,083	830	4,370	7,598	422	2,246	1,785	3,400	127	7,980	566	1,199	23,490
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	40,418	2,575	42,993	1,311	15,609	4,880	11,611	33,411	2,547	14,985	8,333	5,479	473	31,817	3,001	10,135	121,357
No. 4 Fuel Oil																	
Refinery	0	13	13	0	42	0	0	42	84	287	194	72	102	739	14	55	863
Bulk Terminal	1,203	0	1,203	7	179	28	0	214	0	0	0	1	0	1	0	50	1,468
Total	1,203	13	1,216	7	221	28	0	256	84	287	194	73	102	740	14	105	2,331
Residual Fuel Oils																	
Refinery	3,648	274	3,922	57	2,329	462	483	3,331	407	5,456	5,412	315	96	11,686	495	7,372	26,806
Bulk Terminal	24,175	60	24,235	178	1,209	186	696	2,269	19	1,791	3,560	51	0	5,421	0	1,928	33,853
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15
Total	27,823	334	28,157	235	3,538	648	1,179	5,600	426	7,248	8,972	366	96	17,108	495	9,314	60,674
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	122	0	122	0	66	0	57	123	116	1,026	528	7	0	1,677	0	281	2,203
Total	122	0	122	0	66	0	57	123	116	1,026	528	7	0	1,677	0	281	2,203
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	6	137	143	0	204	0	1	205	148	877	302	31	0	1,358	0	87	1,793
Total	6	137	143	0	204	0	1	205	148	877	302	31	0	1,358	0	87	1,793
Special Naphthas																	
Refinery	17	48	65	0	191	0	159	350	18	1,055	73	119	0	1,265	4	299	1,983
Bulk Terminal	934	75	1,009	51	177	14	0	242	0	0	0	25	0	25	0	49	1,325
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	153	0	0	0	0	153	0	0	153
Total	951	123	1,074	51	368	14	159	592	171	1,055	73	144	0	1,443	4	348	3,461
Lubricants																	
Refinery																	
Bright Stock	96	371	467	0	79	0	83	162	0	260	70	0	0	330	2	49	1,010
Neutral	598	324	922	0	606	0	511	1,117	0	1,910	1,008	77	0	2,995	66	577	5,677
Other	695	155	850	0	151	0	159	310	29	2,136	302	136	0	2,603	9	99	3,871
Bulk Terminals	1,077	222	1,299	13	457	19	88	577	10	25	187	72	3	297	1	705	2,879
Total	2,466	1,072	3,538	13	1,293	19	841	2,166	39	4,331	1,567	285	3	6,225	78	1,430	13,437

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, June 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	0	39	39	0	0	0	21	21	25	20	9	1	0	55	0	0	115
Total	0	39	39	0	0	0	21	21	25	20	9	1	0	55	0	0	115
Wax, Crystalline–Fully Refined																	
Refinery	20	31	51	0	62	0	23	85	0	56	186	0	0	242	2	36	416
Total	20	31	51	0	62	0	23	85	0	56	186	0	0	242	2	36	416
Wax, Crystalline–Other																	
Refinery	5	69	74	0	2	0	7	9	0	175	0	0	0	175	0	23	281
Total	5	69	74	0	2	0	7	9	0	175	0	0	0	175	0	23	281
Petroleum Coke																	
Refinery	788	0	788	0	432	238	252	922	0	108	605	173	0	886	498	2,362	5,456
Total	788	0	788	0	432	238	252	922	0	108	605	173	0	886	498	2,362	5,456
Asphalt																	
Refinery	2,095	444	2,539	452	3,198	2,086	1,730	7,466	704	532	966	1,100	202	3,504	3,001	2,243	18,753
Bulk Terminal	2,384	418	2,802	200	1,710	924	251	3,085	0	0	222	52	0	274	0	413	6,574
Total	4,479	862	5,341	652	4,908	3,010	1,981	10,551	704	532	1,188	1,152	202	3,778	3,001	2,656	25,327
Road Oil																	
Refinery	0	0	0	0	50	0	7	57	0	0	0	2	0	2	3	1	63
Total	0	0	0	0	50	0	7	57	0	0	0	2	0	2	3	1	63
Miscellaneous Products																	
Refinery	442	40	482	1	71	20	12	104	62	345	168	60	1	636	0	169	1,391
Bulk Terminal	24	0	24	0	26	4	3	33	0	0	13	23	0	36	0	50	143
Pipeline	0	0	0	0	0	0	0	0	69	2	0	0	0	71	0	0	71
Natural Gas Processing Plant	0	0	0	0	2	0	0	3	47	1,166	1	21	0	1,236	1	0	1,240
Total	466	40	506	1	99	24	15	140	178	1,513	182	104	1	1,979	1	219	2,845
Total Stocks, All Oils	—	—	201,825	—	—	—	—	255,670	—	—	—	—	—	700,883	34,101	167,695	1,360,174

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[1] Crude oil data are not collected by refinery district.

[2] Includes 33,548 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	14,641	—	—	—	—	15,023	—	—	—	—	—	45,589	2,292	23,818	101,363
Tank Farms and Pipelines	—	—	2,485	—	—	—	—	57,237	—	—	—	—	—	95,205	10,006	29,655	194,588
Leases	—	—	67	—	—	—	—	1,581	—	—	—	—	—	17,473	1,432	1,653	22,206
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	267,154	0	0	267,154
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	27,524	27,524
Total	—	—	17,193	—	—	—	—	73,841	—	—	—	—	—	425,421	13,730	82,650	612,835
Petroleum Products																	
Refinery	42,427	3,568	45,995	1,129	45,238	6,315	22,322	75,004	9,730	79,788	49,157	4,951	1,668	145,294	12,874	65,386	344,553
Bulk Terminal	113,709	6,921	120,630	3,837	37,264	8,285	12,223	61,609	4,509	35,351	8,686	4,429	343	53,318	2,255	20,597	258,409
Pipeline	24,332	2,140	26,472	1,416	11,887	3,543	17,095	33,941	7,370	9,635	7,110	13,500	1,078	38,693	2,622	4,024	105,752
Natural Gas Processing Plant	423	640	1,064	0	2,397	260	19,427	22,084	4,679	27,304	10,899	3,923	1,094	47,899	238	625	71,910
Total	180,891	13,269	194,161	6,382	96,786	18,403	71,067	192,638	26,288	152,078	75,852	26,803	4,183	285,204	17,989	90,632	780,624
Natural Gasoline and Isopentane																	
Refinery	3	0	3	0	29	2	82	113	135	450	183	2	13	783	1	32	932
Pipeline	0	0	0	0	40	60	327	427	202	52	0	17	62	333	170	43	973
Natural Gas Processing Plant	3	16	19	0	20	20	852	893	355	3,797	456	26	95	4,729	44	26	5,710
Total	6	16	22	0	89	82	1,261	1,433	692	4,299	639	45	170	5,845	215	101	7,615
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	9	87	0	28	28	0	0	56	0	0	143
Natural Gas Processing Plant	0	0	0	0	94	1	1,620	1,715	235	3,070	44	32	333	3,714	34	2	5,465
Total	0	0	0	0	172	1	1,629	1,802	235	3,098	72	32	333	3,770	34	2	5,608
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	6	172	0	92	0	270	0	0	275
Pipeline	0	0	0	0	0	0	0	0	790	318	49	4	17	1,178	0	0	1,178
Natural Gas Processing Plant	0	0	0	0	8	0	4	12	47	20	13	7	1	87	3	0	102
Total	0	0	0	0	13	0	4	17	843	510	62	103	18	1,535	3	0	1,555
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	365	0	0	0	365	0	1	375
Bulk Terminal	0	0	0	0	69	0	51	120	0	1,121	0	0	0	1,121	0	0	1,241
Pipeline	0	0	0	0	55	938	198	1,191	216	75	112	0	3	406	0	0	1,597
Natural Gas Processing Plant	0	0	0	0	22	0	338	360	23	1,551	142	1	0	1,717	0	0	2,077
Total	0	0	0	0	155	938	587	1,680	239	3,112	254	1	3	3,609	0	1	5,290
Propane for Petro Feed. Use.																	
Refinery	71	0	71	0	95	0	0	95	0	7	450	0	0	457	0	0	623
Total	71	0	71	0	95	0	0	95	0	7	450	0	0	457	0	0	623
Propane for Other Uses																	
Refinery	482	5	487	2	1,059	29	247	1,337	182	403	717	4	4	1,310	154	150	3,438
Bulk Terminal	502	0	502	0	955	69	594	1,618	227	14,260	89	20	0	14,596	16	0	16,732
Pipeline	738	860	1,598	59	1,199	129	1,482	2,869	494	558	239	276	157	1,724	120	0	6,311
Natural Gas Processing Plant	365	616	981	0	2,109	223	13,531	15,863	2,364	6,018	6,202	3,619	246	18,449	121	245	35,660
Total	2,087	1,481	3,568	61	5,322	450	15,854	21,687	3,267	21,239	7,247	3,919	407	36,079	411	395	62,141

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	2	0	2	0	0	19	0	19	0	43	0	1	0	44	0	3	68
Total	2	0	2	0	0	19	0	19	0	43	0	1	0	44	0	3	68
Butane for Other Uses																	
Refinery	176	0	176	164	453	63	386	1,066	161	608	813	2	2	1,586	146	570	3,544
Bulk Terminal	309	0	309	0	302	0	87	389	161	4,625	0	0	0	4,786	0	0	5,484
Pipeline	20	157	177	0	907	0	180	1,087	856	73	5	2	87	1,023	112	0	2,399
Natural Gas Processing Plant	39	4	42	0	94	12	1,927	2,033	1,004	4,295	2,589	156	117	8,161	34	339	10,609
Total	544	161	704	164	1,756	75	2,580	4,575	2,182	9,601	3,407	160	206	15,556	292	909	22,036
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	9	9	0	19	37	2	192	231
Bulk Terminal	0	0	0	0	58	0	0	58	0	0	0	0	0	0	0	0	58
Pipeline	0	0	0	0	0	0	19	19	631	26	10	0	1	668	0	0	687
Natural Gas Processing Plant	0	0	0	0	0	0	56	56	10	5	0	1	0	16	0	4	77
Total	0	0	0	0	58	0	75	133	641	40	19	1	20	721	2	196	1,053
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	4	4	224	2,188	0	0	0	2,412	0	0	2,416
Pipeline	0	0	0	0	66	0	597	663	521	125	2	0	106	754	115	0	1,532
Natural Gas Processing Plant	0	0	0	0	0	0	670	670	229	5,863	0	0	246	6,338	0	0	7,008
Total	0	0	0	0	66	0	1,271	1,337	974	8,176	2	0	352	9,504	115	0	10,956
Isobutane																	
Refinery	0	3	3	80	135	32	218	465	67	246	664	10	5	992	34	19	1,513
Bulk Terminal	0	0	0	0	62	0	10	72	110	1,658	0	0	0	1,768	0	0	1,840
Pipeline	0	0	0	0	326	0	90	416	71	126	0	0	58	255	44	0	715
Natural Gas Processing Plant	2	4	6	0	47	3	428	478	153	1,389	1,452	52	54	3,101	1	9	3,594
Total	2	7	9	80	570	35	746	1,431	401	3,419	2,116	62	117	6,116	79	28	7,662
Other Hydrocarbons and Alcohol																	
Refinery	0	23	23	0	105	0	0	105	1	70	22	0	0	93	0	10	231
Total	0	23	23	0	105	0	0	105	1	70	22	0	0	93	0	10	231
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,544	294	3,838	38	3,257	65	1,681	5,041	1,066	7,468	4,834	203	200	13,771	429	4,610	27,689
Kerosene and Lighter Gas Oils	2,858	7	2,865	0	3,361	40	958	4,359	374	8,541	4,146	30	16	13,107	347	4,164	24,842
Heavy Gas Oils	7,210	429	7,639	94	3,902	227	2,494	6,717	1,162	11,359	4,482	384	90	17,477	1,585	10,814	44,232
Residuum	3,198	311	3,509	2	4,004	137	1,918	6,061	295	3,214	2,085	24	7	5,625	547	5,273	21,015
Total	16,810	1,041	17,851	134	14,524	469	7,051	22,178	2,897	30,582	15,547	641	313	49,980	2,908	24,861	117,778
Motor Gasoline Blending Components																	
Refinery	4,595	81	4,676	52	5,875	563	2,164	8,654	1,464	8,710	7,837	138	254	18,403	1,561	8,274	41,568
Bulk Terminal	271	1	272	6	224	2	83	315	157	44	1	1	0	203	0	478	1,268
Pipeline	0	0	0	0	67	2	238	307	65	0	0	0	0	65	0	0	372
Total	4,866	82	4,948	58	6,166	567	2,485	9,276	1,686	8,754	7,838	139	254	18,671	1,561	8,752	43,208

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																		
Refinery	0	0	0	0	99	0	1	100	32	87	123	0	0	242	0	88	430
Total	0	0	0	0	99	0	1	100	32	87	123	0	0	242	0	88	430
Total Finished Motor Gasoline																		
Refinery	4,306	268	4,574	91	5,972	997	3,681	10,741	1,652	9,201	5,521	645	175	17,194	1,949	7,854	42,312
Bulk Terminal	35,781	3,100	38,881	1,802	17,365	3,396	4,915	27,478	2,104	4,815	1,700	2,717	163	11,499	1,107	9,486	88,451
Pipeline	13,915	830	14,745	605	6,130	1,232	7,323	15,290	2,200	5,337	3,693	7,198	159	18,587	1,231	2,036	51,889
Natural Gas Processing Plant	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total Finished Motor Gasoline	54,017	4,198	58,215	2,498	29,467	5,625	15,919	53,509	5,956	19,353	10,914	10,560	497	47,280	4,287	19,376	182,667
Finished Leaded Motor Gasoline																		
Refinery	2,076	146	2,222	45	2,904	664	2,187	5,800	794	4,037	2,769	442	96	8,138	1,211	3,537	20,908
Bulk Terminal	18,286	1,459	19,745	953	8,711	1,863	2,962	14,489	1,055	2,847	819	1,522	98	6,341	690	5,059	46,324
Pipeline	6,591	294	6,885	442	3,439	737	4,153	8,771	762	2,597	1,728	2,950	82	8,119	829	1,090	25,694
Natural Gas Processing Plant	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Total	26,968	1,899	28,867	1,440	15,054	3,264	9,302	29,060	2,611	9,481	5,316	4,914	276	22,598	2,730	9,686	92,941
Finished Unleaded Motor Gasoline																		
Refinery	2,230	122	2,352	46	3,068	333	1,494	4,941	858	5,164	2,752	203	79	9,056	736	4,312	21,397
Bulk Terminal	17,488	1,641	19,129	849	8,633	1,533	1,949	12,964	1,049	1,968	881	1,195	65	5,158	417	4,427	42,095
Pipeline	7,324	536	7,860	163	2,691	495	3,170	6,519	1,438	2,740	1,965	4,248	77	10,468	402	946	26,195
Total	27,042	2,299	29,341	1,058	14,392	2,361	6,613	24,424	3,345	9,872	5,598	5,646	221	24,682	1,555	9,685	89,687
Gasohol																		
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7
Bulk Terminal	7	0	7	0	21	0	4	25	0	0	0	0	0	0	0	0	32
Total	7	0	7	0	21	0	4	25	0	0	0	0	0	0	2	5	39
Finished Aviation Gasoline																		
Refinery	22	0	22	0	123	0	82	205	13	418	79	0	0	510	18	221	976
Bulk Terminal	368	36	404	13	192	32	86	323	59	20	9	28	41	157	14	337	1,235
Pipeline	0	0	0	0	0	0	63	63	4	1	1	0	0	6	0	0	69
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	101	0	0	0	0	101	0	0	101
Total	390	36	426	13	315	32	231	591	177	439	89	28	41	774	32	558	2,381
Naphtha-Type Jet Fuel																		
Refinery	204	35	239	0	321	35	361	717	222	957	558	119	234	2,090	188	906	4,140
Bulk Terminal	11	9	20	6	113	14	150	283	160	5	0	47	0	212	18	95	628
Pipeline	271	0	271	6	1	57	110	174	154	0	16	188	246	604	132	417	1,598
Total	486	44	530	12	435	106	621	1,174	536	962	574	354	480	2,906	338	1,418	6,366
Kerosene-Type Jet Fuel																		
Refinery	1,117	0	1,117	41	1,510	102	142	1,795	292	2,709	2,434	15	41	5,491	334	3,667	12,404
Bulk Terminal	4,220	125	4,345	55	2,627	301	545	3,528	165	1,194	98	48	25	1,530	246	1,785	11,434
Pipeline	2,458	62	2,520	115	753	171	1,378	2,417	562	921	624	1,724	12	3,843	159	638	9,577
Total	7,795	187	7,982	211	4,890	574	2,065	7,740	1,019	4,824	3,156	1,787	78	10,864	739	6,090	33,415

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	101	46	147	0	736	27	315	1,078	48	819	561	12	54	1,494	17	143	2,879
Bulk Terminal	2,956	363	3,319	216	967	75	19	1,277	8	442	82	18	0	550	24	45	5,215
Pipeline	362	17	379	60	54	0	28	142	2	85	231	144	0	462	0	1	984
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	3	0	0	0	1	4	0	0	4
Total	3,419	426	3,845	276	1,757	102	362	2,497	61	1,346	874	174	55	2,510	41	189	9,082
Total Distillate Fuel Oils																	
Refinery	6,092	455	6,547	56	7,129	1,605	4,257	13,047	1,147	9,519	5,773	1,242	340	18,021	2,049	4,615	44,279
Bulk Terminal	41,873	2,224	44,097	1,281	11,388	3,609	4,495	20,773	1,097	3,183	1,855	1,175	111	7,421	829	5,142	78,262
Pipeline	6,563	188	6,751	545	2,202	954	5,053	8,754	564	1,907	2,100	3,947	170	8,688	539	875	25,607
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	54,528	2,867	57,395	1,882	20,719	6,168	13,806	42,575	2,809	14,609	9,728	6,364	621	34,131	3,417	10,632	148,150
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	6,092	451	6,543	56	7,101	1,605	4,257	13,019	1,091	9,211	5,636	1,138	265	17,341	2,046	4,551	43,500
Bulk Terminal	40,730	2,222	42,952	1,271	11,223	3,581	4,495	20,570	1,097	3,183	1,757	1,174	111	7,322	829	5,103	76,776
Pipeline	6,563	188	6,751	545	2,202	954	5,053	8,754	564	1,907	2,100	3,947	170	8,688	539	875	25,607
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	53,385	2,861	56,246	1,872	20,526	6,140	13,806	42,344	2,753	14,301	9,493	6,259	546	33,352	3,414	10,529	145,885
No. 4 Fuel Oil																	
Refinery	0	4	4	0	28	0	0	28	56	308	137	104	75	680	3	64	779
Bulk Terminal	1,143	2	1,145	10	165	28	0	203	0	0	98	1	0	99	0	39	1,486
Total	1,143	6	1,149	10	193	28	0	231	56	308	235	105	75	779	3	103	2,265
Residual Fuel Oils																	
Refinery	3,358	108	3,466	109	2,513	503	495	3,620	375	5,127	4,140	346	75	10,063	485	7,264	24,898
Bulk Terminal	23,307	305	23,612	216	899	155	787	2,057	29	1,774	4,472	75	0	6,350	0	2,011	34,030
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15
Total	26,665	413	27,078	325	3,412	658	1,282	5,677	404	6,902	8,612	421	75	16,414	485	9,289	58,943
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	118	0	118	0	83	0	59	142	103	1,044	270	7	0	1,424	0	295	1,979
Total	118	0	118	0	83	0	59	142	103	1,044	270	7	0	1,424	0	295	1,979
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	8	122	130	0	185	0	1	186	176	1,213	268	16	0	1,673	0	87	2,076
Total	8	122	130	0	185	0	1	186	176	1,213	268	16	0	1,673	0	87	2,076
Special Naphthas																	
Refinery	11	47	58	0	204	0	183	387	39	1,263	71	181	0	1,554	7	299	2,305
Bulk Terminal	833	20	853	46	159	11	0	216	0	0	0	84	0	84	0	40	1,193
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	107	0	0	0	0	107	0	0	107
Total	844	67	911	46	363	11	183	603	146	1,263	71	265	0	1,745	7	339	3,605
Lubricants																	
Refinery																	
Bright Stock	147	375	522	0	56	0	65	121	0	245	90	0	0	335	5	44	1,027
Neutral	683	393	1,076	0	600	0	496	1,096	0	1,773	1,156	70	0	2,999	70	598	5,839
Other	627	178	805	0	150	0	158	308	27	2,271	251	161	0	2,710	8	104	3,935
Bulk Terminals	915	224	1,139	13	471	19	90	593	8	22	228	71	3	332	1	716	2,781
Total	2,372	1,170	3,542	13	1,277	19	809	2,118	35	4,311	1,725	302	3	6,376	84	1,462	13,582

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, July 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	0	46	46	0	0	0	22	22	25	26	9	1	0	61	0	0	129
Total	0	46	46	0	0	0	22	22	25	26	9	1	0	61	0	0	129
Wax, Crystalline--Fully Refined																	
Refinery	11	29	40	0	34	0	24	58	0	57	168	0	0	225	5	31	359
Total	11	29	40	0	34	0	24	58	0	57	168	0	0	225	5	31	359
Wax, Crystalline--Other																	
Refinery	4	66	70	0	2	0	6	8	0	176	0	0	0	176	0	16	270
Total	4	66	70	0	2	0	6	8	0	176	0	0	0	176	0	16	270
Petroleum Coke																	
Refinery	930	0	930	0	436	213	451	1,100	0	177	380	191	0	748	492	2,584	5,854
Total	930	0	930	0	436	213	451	1,100	0	177	380	191	0	748	492	2,584	5,854
Asphalt																	
Refinery	2,122	207	2,329	399	2,656	1,637	1,357	6,049	619	558	905	994	138	3,214	2,438	2,083	16,113
Bulk Terminal	2,239	514	2,753	183	1,394	599	304	2,480	0	0	139	120	0	259	0	442	5,934
Total	4,361	721	5,082	582	4,050	2,236	1,661	8,529	619	558	1,044	1,114	138	3,473	2,438	2,525	22,047
Road Oil																	
Refinery	0	0	0	0	42	0	4	46	0	0	0	2	0	2	3	33	84
Total	0	0	0	0	42	0	4	46	0	0	0	2	0	2	3	33	84
Miscellaneous Products																	
Refinery	427	40	467	1	98	19	14	132	47	483	158	59	1	748	0	342	1,689
Bulk Terminal	124	0	124	0	19	3	3	25	0	0	13	25	0	38	0	20	207
Pipeline	5	26	31	26	9	0	0	35	38	2	0	0	0	40	0	0	106
Natural Gas Processing Plant	0	0	0	0	3	0	0	3	48	1,296	1	29	0	1,375	2	0	1,380
Total	556	66	622	27	129	22	17	195	133	1,781	172	113	1	2,201	2	362	3,382
Total Stocks, All Oils	—	—	211,354	—	—	—	—	266,479	—	—	—	—	—	710,625	31,719	173,282	1,393,459

[1] Crude oil data are not collected by refinery district.

[2] Includes 33,548 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	16,165	—	—	—	—	15,301	—	—	—	—	—	47,866	2,189	27,028	108,549
Tank Farms and Pipelines	—	—	2,455	—	—	—	—	58,125	—	—	—	—	—	97,193	9,151	29,073	195,997
Leases	—	—	60	—	—	—	—	1,589	—	—	—	—	—	17,381	1,423	1,968	22,421
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	273,593	0	0	273,593
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	25,902	25,902
Total	—	—	18,680	—	—	—	—	75,015	—	—	—	—	—	436,033	12,763	83,971	626,462
Petroleum Products																	
Refinery	42,555	3,621	46,176	829	45,585	6,014	22,103	74,531	9,790	78,174	48,052	4,732	1,579	142,327	11,759	63,539	338,332
Bulk Terminal	115,208	6,593	121,801	3,868	39,083	8,652	13,146	64,749	4,816	36,841	7,742	4,309	443	54,151	2,366	20,855	263,922
Pipeline	24,953	2,429	27,382	1,657	12,613	3,487	17,233	34,990	7,192	8,598	7,652	13,695	1,139	38,276	2,636	4,030	107,314
Natural Gas Processing Plant	414	757	1,171	0	2,524	289	19,192	22,005	5,480	26,209	11,575	3,906	1,115	48,284	218	757	72,435
Total	183,130	13,400	196,530	6,354	99,805	18,442	71,674	196,275	27,278	149,822	75,021	26,642	4,276	283,038	16,979	89,181	782,003
Natural Gasoline and Isopentane																	
Refinery	2	0	2	0	20	15	131	166	107	350	137	1	15	610	5	20	803
Pipeline	0	0	0	0	88	0	319	407	130	92	0	60	65	347	170	21	945
Natural Gas Processing Plant	2	18	20	0	18	20	736	774	368	2,989	753	22	55	4,186	42	22	5,044
Total	4	18	22	0	126	35	1,186	1,347	605	3,431	890	83	135	5,143	217	63	6,792
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	30	108	0	28	28	0	0	56	0	0	164
Natural Gas Processing Plant	0	0	0	0	98	2	1,507	1,607	348	3,111	77	1	325	3,863	32	2	5,504
Total	0	0	0	0	176	2	1,537	1,715	348	3,139	105	1	325	3,919	32	2	5,668
Plant Condensate																	
Refinery	0	0	0	0	7	0	0	7	6	205	0	77	0	288	0	0	295
Pipeline	0	0	0	0	0	0	0	0	824	409	49	9	17	1,308	0	0	1,308
Natural Gas Processing Plant	0	0	0	0	1	0	6	7	39	37	9	6	1	92	3	0	102
Total	0	0	0	0	8	0	6	14	869	651	58	92	18	1,688	3	0	1,705
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	407	0	0	0	407	0	0	416
Bulk Terminal	0	0	0	0	44	0	84	128	0	1,121	0	0	0	1,121	0	0	1,249
Pipeline	0	0	0	0	39	880	152	1,071	184	69	104	0	3	360	0	0	1,431
Natural Gas Processing Plant	0	0	0	0	24	0	381	405	38	1,713	144	0	0	1,896	0	0	2,302
Total	0	0	0	0	116	880	617	1,613	222	3,310	248	0	3	3,784	0	0	5,398
Propane for Petro Feed. Use.																	
Refinery	91	0	91	0	56	0	0	56	0	8	420	0	0	428	0	0	575
Total	91	0	91	0	56	0	0	56	0	8	420	0	0	428	0	0	575
Propane for Other Uses																	
Refinery	501	7	508	1	1,129	22	215	1,367	154	584	774	14	5	1,531	169	195	3,770
Bulk Terminal	547	0	547	0	1,028	62	523	1,613	191	14,715	8	31	0	14,945	20	0	17,125
Pipeline	716	1,171	1,887	60	1,061	207	1,664	2,992	397	85	240	252	153	1,127	113	0	6,119
Natural Gas Processing Plant	370	732	1,102	0	2,247	253	12,588	15,088	2,693	6,215	6,313	3,629	232	19,081	109	295	35,676
Total	2,134	1,910	4,044	61	5,465	544	14,990	21,060	3,435	21,599	7,335	3,926	390	36,684	411	490	62,690

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	14	0	14	0	27	0	1	0	28	0	2	45
Total	1	0	1	0	0	14	0	14	0	27	0	1	0	28	0	2	45
Butane for Other Uses																	
Refinery	204	0	204	249	398	61	310	1,018	196	745	951	2	2	1,896	125	566	3,809
Bulk Terminal	322	0	322	0	281	0	116	397	154	4,733	0	0	0	4,887	0	0	5,606
Pipeline	12	183	195	0	1,010	19	262	1,291	886	51	5	8	87	1,037	121	0	2,644
Natural Gas Processing Plant	33	5	37	0	88	11	2,237	2,336	1,202	4,727	2,774	180	64	8,948	29	427	11,778
Total	571	188	758	249	1,777	91	2,925	5,042	2,438	10,256	3,730	190	153	16,768	275	993	23,837
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	0	19	10	0	13	42	4	275	321
Bulk Terminal	0	0	0	0	40	0	1	41	0	1	0	0	0	1	0	0	42
Pipeline	0	0	0	0	0	0	19	19	605	26	10	0	1	642	0	0	661
Natural Gas Processing Plant	0	0	0	0	0	0	71	71	11	3	0	1	0	15	0	4	89
Total	0	0	0	0	40	0	91	131	616	49	20	1	14	700	4	279	1,113
Ethane-Propane Mixtures																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bulk Terminal	0	0	0	0	0	0	2	2	349	1,684	0	0	0	2,033	0	0	2,035
Pipeline	0	0	0	0	66	0	504	570	327	84	2	0	111	524	119	0	1,213
Natural Gas Processing Plant	0	0	0	0	0	0	1,069	1,069	296	4,537	0	0	367	5,200	0	0	6,269
Total	0	0	0	0	66	0	1,575	1,641	972	6,305	2	0	478	7,757	119	0	9,517
Isobutane																	
Refinery	1	4	5	46	135	34	169	384	61	207	715	10	8	1,001	27	42	1,459
Bulk Terminal	0	0	0	0	72	0	47	119	113	1,629	0	0	0	1,742	0	0	1,861
Pipeline	0	0	0	0	401	0	98	499	88	10	0	0	56	154	43	0	696
Natural Gas Processing Plant	0	2	2	0	44	3	596	643	150	1,630	1,502	38	70	3,390	1	7	4,043
Total	1	6	7	46	652	37	910	1,645	412	3,476	2,217	48	134	6,287	71	49	8,059
Other Hydrocarbons and Alcohol																	
Refinery	0	20	20	0	99	0	0	99	1	70	14	0	0	85	0	6	210
Total	0	20	20	0	99	0	0	99	1	70	14	0	0	85	0	6	210
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,541	478	4,019	18	3,315	146	1,423	4,902	954	7,457	4,515	176	65	13,167	457	5,930	28,475
Kerosene and Lighter Gas Oils	2,930	17	2,947	0	3,733	36	887	4,656	389	7,238	1,074	28	8	8,737	362	4,440	21,142
Heavy Gas Oils	7,596	400	7,996	41	3,687	223	2,565	6,516	1,198	11,230	6,924	451	183	19,986	1,575	11,702	47,775
Residuum	2,466	293	2,759	1	3,824	71	1,754	5,650	325	3,142	2,691	20	0	6,178	522	4,258	19,367
Total	16,533	1,188	17,721	60	14,559	476	6,629	21,724	2,866	29,067	15,204	675	256	48,068	2,916	26,330	116,759

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Motor Gasoline Blending Components																	
Refinery	4,122	102	4,224	6	5,760	475	1,970	8,211	1,365	9,133	7,546	106	255	18,405	1,469	7,879	40,188
Bulk Terminal	339	1	340	4	161	1	103	269	101	105	1	1	0	208	0	515	1,332
Pipeline	0	0	0	0	63	2	124	189	50	0	0	0	0	50	0	0	239
Total	4,461	103	4,564	10	5,984	478	2,197	8,669	1,516	9,238	7,547	107	255	18,663	1,469	8,394	41,759
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	103	0	3	106	78	42	117	0	0	237	0	31	374
Total	0	0	0	0	103	0	3	106	78	42	117	0	0	237	0	31	374
Total Finished Motor Gasoline																	
Refinery	4,932	209	5,141	73	6,461	1,305	4,202	12,041	1,647	8,468	5,433	558	195	16,301	1,512	7,618	42,613
Bulk Terminal	34,518	3,138	37,656	1,863	17,858	3,705	5,412	28,838	2,133	4,927	1,734	2,554	257	11,605	1,294	9,623	89,016
Pipeline	14,406	732	15,138	727	6,370	1,382	7,739	16,218	1,967	4,349	4,729	7,460	141	18,646	1,215	2,312	53,529
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total Finished Motor Gasoline	53,865	4,079	57,944	2,663	30,689	6,392	17,353	57,097	5,747	17,744	11,896	10,572	593	46,552	4,021	19,553	185,167
Finished Leaded Motor Gasoline																	
Refinery	2,185	122	2,307	51	3,134	807	2,441	6,433	819	4,005	3,187	380	111	8,502	931	3,093	21,266
Bulk Terminal	17,140	1,425	18,565	914	9,092	2,020	3,348	15,374	1,065	2,624	684	1,248	151	5,772	801	4,978	45,490
Pipeline	6,915	325	7,240	382	3,344	857	4,455	9,038	1,148	1,842	2,054	2,948	60	8,052	781	1,275	26,386
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	26,249	1,872	28,121	1,347	15,570	3,684	10,244	30,845	3,032	8,471	5,925	4,576	322	22,326	2,513	9,346	93,151
Finished Unleaded Motor Gasoline																	
Refinery	2,747	87	2,834	22	3,327	498	1,761	5,608	828	4,463	2,246	178	84	7,799	580	4,518	21,339
Bulk Terminal	17,371	1,713	19,084	949	8,742	1,685	2,060	13,436	1,068	2,303	1,050	1,306	106	5,833	493	4,645	43,491
Pipeline	7,491	407	7,898	345	3,026	525	3,284	7,180	819	2,507	2,675	4,512	81	10,594	434	1,037	27,143
Total	27,609	2,207	29,816	1,316	15,095	2,708	7,105	26,224	2,715	9,273	5,971	5,996	271	24,226	1,507	10,200	91,973
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	8
Bulk Terminal	7	0	7	0	24	0	4	28	0	0	0	0	0	0	0	0	35
Total	7	0	7	0	24	0	4	28	0	0	0	0	0	0	1	7	43
Finished Aviation Gasoline																	
Refinery	13	0	13	0	112	0	46	158	35	444	132	0	0	611	26	221	1,029
Bulk Terminal	319	32	351	0	165	34	70	269	37	52	20	23	31	163	18	347	1,148
Pipeline	33	0	33	0	18	0	87	105	25	1	0	0	0	26	0	0	164
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	87	0	0	0	0	87	0	0	87
Total	365	32	397	0	295	34	203	532	184	497	152	23	31	887	44	568	2,428
Naphtha-Type Jet Fuel																	
Refinery	109	28	137	0	404	48	342	794	255	915	416	174	222	1,982	235	817	3,965
Bulk Terminal	10	11	21	6	112	8	136	262	121	29	0	46	0	196	20	76	575
Pipeline	298	0	298	6	0	4	139	149	88	0	9	242	286	625	85	258	1,415
Total	417	39	456	12	516	60	617	1,205	464	944	425	462	508	2,803	340	1,151	5,955

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene-Type Jet Fuel																	
Refinery	1,294	0	1,294	17	1,377	74	213	1,681	357	2,548	2,054	13	46	5,018	407	3,231	11,631
Bulk Terminal	5,009	135	5,144	54	2,985	299	637	3,975	261	1,257	84	36	30	1,668	192	2,008	12,987
Pipeline	2,628	86	2,714	127	723	161	1,515	2,526	1,002	1,087	405	1,497	53	4,044	163	642	10,089
Total	8,931	221	9,152	198	5,085	534	2,365	8,182	1,620	4,892	2,543	1,546	129	10,730	762	5,881	34,707
Kerosene																	
Refinery	97	58	155	0	813	36	220	1,069	65	659	531	10	35	1,300	16	134	2,674
Bulk Terminal	3,205	267	3,472	215	1,131	119	29	1,494	7	609	122	18	0	756	21	36	5,779
Pipeline	285	9	294	47	192	0	65	304	1	89	165	183	0	438	0	0	1,036
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2
Total	3,587	334	3,921	262	2,136	155	314	2,867	75	1,357	818	211	35	2,496	37	170	9,491
Total Distillate Fuel Oils																	
Refinery	7,410	451	7,861	41	8,122	1,775	4,553	14,491	1,372	10,101	5,535	1,214	329	18,551	2,068	4,648	47,619
Bulk Terminal	46,991	2,184	49,175	1,239	12,623	3,798	4,855	22,515	1,244	4,068	1,468	1,293	121	8,194	800	4,792	85,476
Pipeline	6,575	248	6,823	690	2,504	832	4,516	8,542	585	2,169	1,906	3,984	166	8,810	607	780	25,562
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1
Total Distillate Fuel Oil	60,976	2,883	63,859	1,970	23,249	6,405	13,925	45,549	3,202	16,338	8,909	6,491	616	35,556	3,475	10,220	158,658
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,410	444	7,854	41	8,097	1,775	4,553	14,466	1,310	9,815	5,298	1,182	265	17,870	2,065	4,598	46,853
Bulk Terminal	45,932	2,180	48,112	1,226	12,369	3,771	4,855	22,221	1,244	4,068	1,376	1,292	121	8,101	800	4,762	83,996
Pipeline	6,575	248	6,823	690	2,504	832	4,516	8,542	585	2,169	1,906	3,984	166	8,810	607	780	25,562
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1
Total	59,917	2,872	62,789	1,957	22,970	6,378	13,925	45,230	3,140	16,052	8,580	6,458	552	34,782	3,472	10,140	156,412
No. 4 Fuel Oil																	
Refinery	0	7	7	0	25	0	0	25	62	286	237	32	64	681	3	50	766
Bulk Terminal	1,059	4	1,063	13	254	27	0	294	0	0	92	1	0	93	0	30	1,480
Total	1,059	11	1,070	13	279	27	0	319	62	286	329	33	64	774	3	80	2,246
Residual Fuel Oils																	
Refinery	2,572	124	2,696	77	2,351	336	310	3,074	344	4,645	4,120	374	91	9,574	443	6,041	21,828
Bulk Terminal	20,161	234	20,395	301	891	136	838	2,166	59	1,794	3,983	98	0	5,934	0	2,306	30,801
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	22,733	358	23,091	378	3,242	472	1,148	5,240	403	6,440	8,103	472	91	15,509	443	8,364	52,647
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	157	0	157	0	55	0	49	104	106	1,084	388	9	0	1,587	0	287	2,135
Total	157	0	157	0	55	0	49	104	106	1,084	388	9	0	1,587	0	287	2,135
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	7	117	124	0	142	0	1	143	136	1,265	340	16	0	1,757	0	250	2,274
Total	7	117	124	0	142	0	1	143	136	1,265	340	16	0	1,757	0	250	2,274
Special Naphthas																	
Refinery	22	29	51	0	175	0	172	347	31	1,273	99	124	0	1,527	8	275	2,208
Bulk Terminal	765	21	786	35	156	14	0	205	0	0	0	27	0	27	0	38	1,056
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	197	0	0	0	0	197	0	0	197
Total	787	50	837	35	331	14	172	552	228	1,273	99	151	0	1,751	8	313	3,461

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, August 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Lubricants																	
Refinery																	
Bright Stock	105	373	478	0	47	0	39	86	0	284	97	0	0	381	8	50	1,003
Neutral	585	390	975	0	568	0	471	1,039	0	1,860	1,131	53	0	3,044	70	594	5,722
Other	700	164	864	0	157	0	155	312	31	2,352	244	154	0	2,781	7	108	4,072
Bulk Terminals	843	229	1,072	16	502	19	78	615	46	19	179	62	4	310	1	635	2,633
Total	2,233	1,156	3,389	16	1,274	19	743	2,052	77	4,515	1,651	269	4	6,516	86	1,387	13,430
Wax, Microcrystalline																	
Refinery	0	41	41	0	0	0	17	17	23	27	10	1	0	61	0	0	119
Total	0	41	41	0	0	0	17	17	23	27	10	1	0	61	0	0	119
Wax, Crystalline--Fully Refined																	
Refinery	10	29	39	0	40	0	25	65	0	68	156	0	0	224	6	43	377
Total	10	29	39	0	40	0	25	65	0	68	156	0	0	224	6	43	377
Wax, Crystalline--Other																	
Refinery	5	70	75	0	1	0	4	5	0	149	0	0	0	149	0	26	255
Total	5	70	75	0	1	0	4	5	0	149	0	0	0	149	0	26	255
Petroleum Coke																	
Refinery	959	0	959	0	580	178	673	1,431	0	142	434	192	0	768	546	1,738	5,442
Total	959	0	959	0	580	178	673	1,431	0	142	434	192	0	768	546	1,738	5,442
Asphalt																	
Refinery	1,694	178	1,872	258	1,810	1,150	1,166	4,384	465	433	787	874	107	2,666	1,688	1,793	12,403
Bulk Terminal	2,149	341	2,490	135	1,015	454	212	1,816	0	0	131	100	0	231	0	389	4,926
Total	3,843	519	4,362	393	2,825	1,604	1,378	6,200	465	433	918	974	107	2,897	1,688	2,182	17,329
Road Oil																	
Refinery	0	0	0	0	21	0	3	24	0	0	0	2	0	2	4	37	67
Total	0	0	0	0	21	0	3	24	0	0	0	2	0	2	4	37	67
Miscellaneous Products																	
Refinery	429	39	468	1	74	15	15	105	89	593	257	78	0	1,017	0	282	1,872
Bulk Terminal	30	0	30	0	19	3	3	25	0	98	12	20	0	130	0	90	275
Pipeline	0	0	0	0	0	0	0	0	33	48	0	0	0	81	0	0	81
Natural Gas Processing Plant	0	0	0	0	3	0	0	3	50	1,246	1	29	0	1,326	1	0	1,330
Total	459	39	498	1	96	18	18	133	172	1,985	270	127	0	2,554	1	372	3,558
Total Stocks, All Oils	—	—	215,210	—	—	—	—	271,290	—	—	—	—	—	719,071	29,742	173,152	1,408,465

[1] Crude oil data are not collected by refinery district.

[2] Includes 33,605 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,September 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	14,933	—	—	—	—	14,991	—	—	—	—	—	44,803	1,683	25,310	101,720
Tank Farms and Pipelines	—	—	2,553	—	—	—	—	57,534	—	—	—	—	—	93,107	8,727	31,380	193,301
Leases	—	—	63	—	—	—	—	1,544	—	—	—	—	—	17,059	1,418	1,824	21,908
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	277,884	0	0	277,884
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	23,746	23,746
Total	—	—	17,549	—	—	—	—	74,069	—	—	—	—	—	432,853	11,828	82,260	618,559
Petroleum Products																	
Refinery	43,570	3,411	46,981	1,107	45,182	5,739	21,799	73,827	9,946	80,297	47,559	4,760	1,255	143,817	11,884	65,258	341,767
Bulk Terminal	123,926	6,573	130,499	3,941	42,033	9,042	12,504	67,520	4,969	37,014	7,215	4,104	466	53,768	2,411	21,450	275,648
Pipeline	25,683	2,508	28,191	1,672	12,547	3,485	17,054	34,758	7,253	9,218	7,567	13,686	1,018	38,742	2,541	4,467	108,699
Natural Gas Processing Plant	471	767	1,238	0	2,362	280	18,751	21,394	5,411	24,526	10,788	3,849	975	45,549	239	871	69,291
Total	193,650	13,259	206,909	6,720	102,124	18,546	70,108	197,499	27,579	151,055	73,129	26,399	3,714	281,876	17,075	92,046	795,405
Natural Gasoline and Isopentane																	
Refinery	2	0	2	0	40	8	112	160	50	332	151	0	18	551	4	27	744
Pipeline	0	0	0	0	146	0	228	374	119	107	0	44	84	354	186	5	919
Natural Gas Processing Plant	2	19	21	0	18	18	634	670	404	3,528	559	18	31	4,540	42	23	5,296
Total	4	19	23	0	204	26	974	1,204	573	3,967	710	62	133	5,445	232	55	6,959
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	23	101	0	28	28	0	0	56	0	0	157
Natural Gas Processing Plant	0	0	0	0	102	2	1,311	1,415	202	2,146	176	1	322	2,848	30	2	4,295
Total	0	0	0	0	180	2	1,334	1,516	202	2,174	204	1	322	2,904	30	2	4,452
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	9	115	0	91	0	215	0	0	220
Pipeline	0	0	0	0	0	0	0	0	805	327	49	4	17	1,202	0	0	1,202
Natural Gas Processing Plant	0	0	0	0	3	0	6	8	35	35	12	9	1	93	3	0	104
Total	0	0	0	0	8	0	6	13	849	477	61	104	18	1,510	3	0	1,526
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	366	0	0	0	366	0	0	375
Bulk Terminal	0	0	0	0	50	0	23	73	0	1,100	0	0	0	1,100	0	0	1,173
Pipeline	0	0	0	0	58	765	174	997	174	71	101	0	3	349	0	0	1,346
Natural Gas Processing Plant	0	0	0	0	25	0	205	230	74	1,633	153	1	0	1,861	0	0	2,091
Total	0	0	0	0	142	765	402	1,309	248	3,170	254	1	3	3,676	0	0	4,985
Propane for Petro Feed. Use.																	
Refinery	55	0	55	0	112	0	0	112	0	9	459	0	0	468	0	0	635
Total	55	0	55	0	112	0	0	112	0	9	459	0	0	468	0	0	635
Propane for Other Uses																	
Refinery	494	2	496	1	1,187	18	239	1,445	141	534	857	3	2	1,537	173	171	3,822
Bulk Terminal	602	0	602	0	1,054	82	486	1,622	210	14,182	81	14	0	14,487	33	0	16,744
Pipeline	760	1,254	2,014	41	860	338	1,757	2,996	439	415	241	632	152	1,879	116	0	7,005
Natural Gas Processing Plant	439	741	1,181	0	2,062	246	12,950	15,258	2,754	6,064	5,551	3,554	245	18,167	129	349	35,084
Total	2,295	1,997	4,293	42	5,163	684	15,432	21,321	3,544	21,195	6,730	4,203	399	36,070	451	520	62,655

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,September 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	18	0	18	0	28	0	1	0	29	0	1	48
Total	0	0	0	0	0	18	0	18	0	28	0	1	0	29	0	1	48
Butane for Other Uses																	
Refinery	188	0	188	283	339	36	357	1,015	174	755	1,342	2	1	2,274	135	588	4,200
Bulk Terminal	337	0	337	0	511	0	128	639	130	5,063	0	0	0	5,193	0	0	6,169
Pipeline	20	172	192	3	807	30	205	1,045	869	20	5	67	87	1,048	128	0	2,413
Natural Gas Processing Plant	22	3	24	0	65	12	2,008	2,085	1,134	4,496	2,993	165	60	8,848	32	476	11,466
Total	567	175	741	286	1,722	78	2,698	4,784	2,307	10,334	4,340	234	148	17,363	295	1,064	24,248
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	2	0	0	2	0	13	9	0	7	29	1	82	114
Bulk Terminal	0	0	0	0	42	0	0	42	0	1	0	0	0	1	0	0	43
Pipeline	0	0	0	0	0	0	19	19	608	26	10	0	1	645	0	0	664
Natural Gas Processing Plant	0	0	0	0	0	0	52	52	27	4	2	1	0	34	0	3	90
Total	0	0	0	0	44	0	71	115	635	44	21	1	8	709	1	85	911
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	1	1	216	1,647	0	0	0	1,863	0	0	1,864
Pipeline	0	0	0	0	66	0	503	569	274	85	2	0	92	453	105	0	1,127
Natural Gas Processing Plant	0	0	0	0	0	0	903	903	334	3,537	0	0	221	4,091	0	0	4,994
Total	0	0	0	0	66	0	1,407	1,473	824	5,269	2	0	313	6,407	105	0	7,985
Isobutane																	
Refinery	2	7	9	63	96	19	146	324	71	165	643	14	7	900	30	29	1,292
Bulk Terminal	0	0	0	0	80	0	10	90	140	1,923	0	0	0	2,063	0	0	2,153
Pipeline	0	0	0	18	286	0	105	409	105	10	0	100	57	272	43	0	724
Natural Gas Processing Plant	1	4	6	0	85	2	680	768	178	2,053	1,340	44	95	3,710	1	18	4,502
Total	3	11	15	81	547	21	941	1,591	494	4,151	1,983	158	159	6,945	74	47	8,671
Other Hydrocarbons and Alcohol																	
Refinery	0	14	14	0	104	0	0	104	1	70	15	0	0	86	0	5	209
Total	0	14	14	0	104	0	0	104	1	70	15	0	0	86	0	5	209
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,725	432	4,157	82	3,491	127	1,309	5,009	1,169	7,471	5,551	185	87	14,463	480	5,890	29,999
Kerosene and Lighter Gas Oils	2,659	17	2,676	0	3,508	6	699	4,213	497	8,285	1,176	38	6	10,002	454	4,533	21,878
Heavy Gas Oils	7,385	405	7,790	167	3,183	244	2,333	5,927	1,029	11,842	6,027	649	168	19,715	1,567	11,414	46,413
Residuum	2,179	264	2,443	3	3,645	67	1,707	5,422	255	2,694	2,891	38	0	5,878	540	5,253	19,536
Total	15,948	1,118	17,066	252	13,827	444	6,048	20,571	2,950	30,292	15,645	910	261	50,058	3,041	27,090	117,826
Motor Gasoline Blending Components																	
Refinery	4,445	96	4,541	38	6,650	506	2,087	9,281	1,545	9,960	6,710	99	128	18,442	1,631	7,302	41,197
Bulk Terminal	301	1	302	6	116	2	142	266	94	37	0	0	0	131	0	477	1,176
Pipeline	0	0	0	0	20	2	93	115	38	0	0	0	0	38	0	0	153
Total	4,746	97	4,843	44	6,786	510	2,322	9,662	1,677	9,997	6,710	99	128	18,611	1,631	7,779	42,526

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,September 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	198	0	9	207	10	65	121	0	0	196	0	19	422
Total	0	0	0	0	198	0	9	207	10	65	121	0	0	196	0	19	422
Total Finished Motor Gasoline																	
Refinery	5,165	284	5,449	117	6,796	1,382	4,275	12,570	1,916	9,398	6,123	603	165	18,205	1,775	7,532	45,531
Bulk Terminal	35,463	3,002	38,465	1,976	19,386	4,403	5,260	31,025	2,217	4,459	1,536	2,545	264	11,021	1,228	10,010	91,749
Pipeline	14,005	699	14,704	837	6,029	1,253	7,912	16,031	2,542	4,960	4,216	7,778	118	19,614	1,084	2,383	53,816
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total Finished Motor Gasoline	54,639	3,985	58,624	2,930	32,211	7,038	17,447	59,626	6,675	18,817	11,875	10,926	547	48,840	4,087	19,925	191,102
Finished Leaded Motor Gasoline																	
Refinery	2,212	137	2,349	72	3,078	787	2,452	6,389	989	4,263	3,464	436	97	9,249	1,150	3,276	22,413
Bulk Terminal	16,751	1,439	18,190	982	9,644	2,427	3,028	16,081	995	2,833	748	1,306	154	6,036	684	5,019	46,010
Pipeline	6,686	269	6,955	330	2,620	725	4,164	7,839	1,155	2,819	1,536	2,807	57	8,374	685	1,171	25,024
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	25,655	1,845	27,500	1,384	15,342	3,939	9,644	30,309	3,139	9,915	5,748	4,549	308	23,659	2,519	9,466	93,453
Finished Unleaded Motor Gasoline																	
Refinery	2,953	147	3,100	45	3,718	595	1,823	6,181	927	5,135	2,659	167	68	8,956	624	4,249	23,110
Bulk Terminal	18,702	1,563	20,265	994	9,727	1,976	2,230	14,927	1,222	1,626	788	1,239	110	4,985	544	4,991	45,712
Pipeline	7,319	430	7,749	507	3,409	527	3,748	8,191	1,387	2,141	2,680	4,971	61	11,240	399	1,212	28,791
Total	28,974	2,140	31,114	1,546	16,854	3,098	7,801	29,299	3,536	8,902	6,127	6,377	239	25,181	1,567	10,452	97,613
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	8
Bulk Terminal	10	0	10	0	15	0	2	17	0	0	0	0	0	0	0	0	27
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	10	0	10	0	15	1	2	18	0	0	0	0	0	0	1	7	36
Finished Aviation Gasoline																	
Refinery	26	0	26	0	68	0	33	101	25	325	103	0	0	453	36	211	827
Bulk Terminal	319	33	352	0	185	44	78	307	42	6	5	22	40	115	15	368	1,157
Pipeline	17	0	17	0	37	0	74	111	9	1	0	0	0	10	0	0	138
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	76	0	0	0	0	76	0	0	76
Total	362	33	395	0	290	44	185	519	152	332	108	22	40	654	51	579	2,198
Naphtha-Type Jet Fuel																	
Refinery	136	41	177	0	406	62	326	794	325	840	449	127	213	1,954	165	985	4,075
Bulk Terminal	34	9	43	6	61	8	123	198	168	119	0	47	0	334	19	80	674
Pipeline	283	0	283	6	0	36	236	278	97	0	90	119	283	589	75	345	1,570
Total	453	50	503	12	467	106	685	1,270	590	959	539	293	496	2,877	259	1,410	6,319
Kerosene-Type Jet Fuel																	
Refinery	1,102	0	1,102	29	1,285	77	225	1,616	303	1,967	2,327	11	41	4,649	372	3,366	11,105
Bulk Terminal	4,974	185	5,159	53	2,838	261	612	3,764	198	1,317	74	46	31	1,666	219	2,064	12,872
Pipeline	2,685	91	2,776	95	793	147	1,415	2,450	583	822	693	1,101	40	3,239	141	744	9,350
Total	8,761	276	9,037	177	4,916	485	2,252	7,830	1,084	4,106	3,094	1,158	112	9,554	732	6,174	33,327

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,September 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	115	64	179	0	726	26	295	1,047	42	858	466	7	29	1,402	17	155	2,800
Bulk Terminal	3,411	227	3,638	212	1,152	108	34	1,506	6	323	61	13	0	403	37	43	5,627
Pipeline	461	16	477	69	244	0	11	324	5	124	187	280	0	596	0	11	1,408
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	3
Total	3,987	307	4,294	281	2,122	134	340	2,877	55	1,305	714	300	29	2,404	54	209	9,838
Total Distillate Fuel Oils																	
Refinery	7,611	406	8,017	57	7,677	1,889	4,692	14,315	1,235	9,968	5,295	1,113	209	17,820	2,012	4,471	46,635
Bulk Terminal	49,926	2,279	52,205	1,294	13,463	3,610	3,973	22,340	1,434	3,932	1,257	1,134	116	7,873	859	4,673	87,950
Pipeline	7,452	276	7,728	603	3,123	914	4,274	8,914	531	2,219	1,945	3,561	84	8,340	663	966	26,611
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	3
Total Distillate Fuel Oil	64,989	2,961	67,950	1,954	24,263	6,413	12,940	45,570	3,202	16,119	8,497	5,808	409	34,035	3,534	10,110	161,199
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	7,611	398	8,009	57	7,620	1,889	4,692	14,258	1,187	9,524	5,141	1,069	158	17,079	2,006	4,435	45,787
Bulk Terminal	48,606	2,277	50,883	1,283	13,265	3,585	3,973	22,106	1,434	3,932	1,257	1,133	116	7,872	859	4,643	86,363
Pipeline	7,452	276	7,728	603	3,123	914	4,274	8,914	531	2,219	1,945	3,561	84	8,340	663	966	26,611
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	2	0	0	0	0	2	0	0	3
Total	63,669	2,951	66,620	1,943	24,008	6,388	12,940	45,279	3,154	15,675	8,343	5,763	358	33,293	3,528	10,044	158,764
No. 4 Fuel Oil																	
Refinery	0	8	8	0	57	0	0	57	48	444	154	44	51	741	6	36	848
Bulk Terminal	1,320	2	1,322	11	198	25	0	234	0	0	0	1	0	1	0	30	1,587
Total	1,320	10	1,330	11	255	25	0	291	48	444	154	45	51	742	6	66	2,435
Residual Fuel Oils																	
Refinery	3,548	88	3,636	47	2,248	344	266	2,905	329	5,296	3,274	450	82	9,431	451	7,833	24,256
Bulk Terminal	25,053	296	25,349	200	1,393	113	1,127	2,833	103	2,762	3,827	102	0	6,794	0	2,572	37,548
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	13	14
Total	28,601	384	28,985	247	3,641	457	1,393	5,738	432	8,059	7,101	552	82	16,226	451	10,418	61,818
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	186	0	186	0	43	0	68	111	70	938	567	9	0	1,584	0	356	2,237
Total	186	0	186	0	43	0	68	111	70	938	567	9	0	1,584	0	356	2,237
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	5	0	5	0	157	0	1	158	142	1,194	257	25	0	1,618	0	440	2,221
Total	5	0	5	0	157	0	1	158	142	1,194	257	25	0	1,618	0	440	2,221
Special Naphthas																	
Refinery	19	31	50	0	180	0	188	368	39	1,393	81	128	0	1,641	6	233	2,298
Bulk Terminal	866	17	883	44	139	12	0	195	0	114	0	27	0	141	0	41	1,260
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	132	0	0	0	0	132	0	0	132
Total	885	48	933	44	319	12	188	563	171	1,507	81	155	0	1,914	6	274	3,690
Lubricants																	
Refinery																	
Bright Stock	49	413	462	0	48	0	39	87	0	242	72	0	0	314	6	43	912
Neutral	760	370	1,130	0	549	0	458	1,007	0	1,746	937	71	0	2,754	62	571	5,524
Other	586	156	742	0	149	0	129	278	28	2,129	245	151	0	2,553	7	109	3,689
Bulk Terminals	802	206	1,008	16	469	16	78	579	11	23	243	71	15	363	1	573	2,524
Total	2,197	1,145	3,342	16	1,215	16	704	1,951	39	4,140	1,497	293	15	5,984	76	1,296	12,649

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,September 30,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	1	48	49	0	0	0	18	18	26	30	10	1	0	67	0	0	134
Total	1	48	49	0	0	0	18	18	26	30	10	1	0	67	0	0	134
Wax, Crystalline--Fully Refined																	
Refinery	8	31	39	0	32	0	24	56	0	90	133	0	0	223	5	40	363
Total	8	31	39	0	32	0	24	56	0	90	133	0	0	223	5	40	363
Wax, Crystalline--Other																	
Refinery	5	67	72	0	1	0	4	5	0	160	0	0	0	160	0	27	264
Total	5	67	72	0	1	0	4	5	0	160	0	0	0	160	0	27	264
Petroleum Coke																	
Refinery	1,273	0	1,273	0	629	173	867	1,669	0	74	567	197	0	838	603	1,837	6,220
Total	1,273	0	1,273	0	629	173	867	1,669	0	74	567	197	0	838	603	1,837	6,220
Asphalt																	
Refinery	1,462	127	1,589	219	1,505	724	882	3,330	428	402	506	668	92	2,096	1,349	1,454	9,818
Bulk Terminal	1,810	318	2,128	134	1,078	379	426	2,017	0	0	119	68	0	187	0	382	4,714
Total	3,272	445	3,717	353	2,583	1,103	1,308	5,347	428	402	625	736	92	2,283	1,349	1,836	14,532
Road Oil																	
Refinery	0	0	0	0	33	0	0	33	0	0	0	2	0	2	3	27	65
Total	0	0	0	0	33	0	0	33	0	0	0	2	0	2	3	27	65
Miscellaneous Products																	
Refinery	379	48	427	1	81	13	11	106	87	543	195	77	0	902	0	254	1,689
Bulk Terminal	28	0	28	0	16	4	3	23	0	6	12	15	0	33	0	167	251
Pipeline	0	0	0	0	0	0	25	25	55	2	0	0	0	57	0	0	82
Natural Gas Processing Plant	0	0	0	0	3	0	0	4	58	1,031	1	55	0	1,146	2	0	1,151
Total	407	48	455	1	100	17	39	158	200	1,582	208	147	0	2,138	2	421	3,173
Total Stocks, All Oils	—	—	224,458	—	—	—	—	271,568	—	—	—	—	—	714,729	28,903	174,306	1,413,964

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1 Crude oil data are not collected by refinery district.

2 Includes 33,709 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (Incl. lease condensate)[1]																	
Refinery	—	—	15,391	—	—	—	—	14,333	—	—	—	—	—	47,395	1,555	25,509	104,183
Tank Farms and Pipelines	—	—	2,403	—	—	—	—	58,209	—	—	—	—	—	94,013	8,942	31,814	195,381
Leases	—	—	61	—	—	—	—	1,577	—	—	—	—	—	17,729	1,420	1,841	22,628
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	284,592	0	0	284,592
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	28,777	28,777
Total	—	—	17,855	—	—	—	—	74,119	—	—	—	—	—	443,729	11,917	87,941	635,561
Petroleum Products																	
Refinery	42,650	3,308	45,958	1,013	43,556	5,598	20,864	71,031	9,869	81,730	48,764	5,463	1,286	147,112	11,726	62,393	338,220
Bulk Terminal	133,178	7,047	140,225	3,906	40,144	8,635	12,073	64,758	5,696	36,054	7,741	4,734	518	54,743	2,837	20,226	282,789
Pipeline	26,504	2,588	29,092	1,482	12,700	3,662	16,628	34,472	7,171	8,494	8,489	13,834	1,020	39,008	2,548	4,389	109,509
Natural Gas Processing Plant	493	756	1,249	0	2,057	231	17,044	19,332	5,697	23,137	10,450	4,092	1,144	44,519	300	939	66,339
Total	202,825	13,699	216,524	6,401	98,457	18,126	66,609	189,593	28,433	149,415	75,444	28,123	3,968	285,382	17,411	87,947	796,857
Natural Gasoline and Isopentane																	
Refinery	6	0	6	0	8	72	91	171	40	266	127	0	12	445	1	30	653
Pipeline	0	0	0	0	30	20	197	247	154	65	0	144	84	447	185	5	884
Natural Gas Processing Plant	6	16	22	0	28	14	745	787	532	2,696	524	21	43	3,817	51	24	4,700
Total	12	16	28	0	66	106	1,033	1,205	726	3,027	651	165	139	4,709	237	59	6,237
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	11	89	0	28	28	0	0	56	0	0	145
Natural Gas Processing Plant	0	0	0	0	101	2	1,624	1,727	292	880	139	2	341	1,654	29	2	3,412
Total	0	0	0	0	179	2	1,635	1,816	292	908	167	2	341	1,710	29	2	3,557
Plant Condensate																	
Refinery	0	0	0	0	1	0	0	1	11	57	0	97	0	165	0	0	166
Pipeline	0	0	0	0	0	0	0	0	864	305	55	5	17	1,246	0	0	1,246
Natural Gas Processing Plant	0	0	0	0	1	0	4	5	34	35	6	9	1	85	5	0	94
Total	0	0	0	0	2	0	4	6	909	397	61	111	18	1,496	5	0	1,506
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	281	0	0	0	281	0	0	290
Bulk Terminal	0	0	0	0	60	0	54	114	0	1,089	0	0	0	1,089	0	0	1,203
Pipeline	0	0	0	0	35	686	109	830	178	75	108	0	3	364	0	0	1,194
Natural Gas Processing Plant	0	0	0	0	24	0	350	374	193	1,609	296	1	0	2,099	0	0	2,473
Total	0	0	0	0	128	686	513	1,327	371	3,054	404	1	3	3,833	0	0	5,160
Propane for Petro Feed. Use.																	
Refinery	55	0	55	0	107	0	1	108	0	8	434	0	0	442	0	0	605
Total	55	0	55	0	107	0	1	108	0	8	434	0	0	442	0	0	605
Propane for Other Uses																	
Refinery	507	2	509	3	1,092	21	230	1,346	103	684	845	7	5	1,644	191	195	3,885
Bulk Terminal	640	0	640	0	919	70	536	1,525	264	12,954	55	403	0	13,676	41	0	15,882
Pipeline	856	1,446	2,302	59	1,245	437	1,816	3,557	416	79	243	546	152	1,436	115	0	7,410
Natural Gas Processing Plant	443	733	1,176	0	1,764	205	11,188	13,157	2,784	6,313	5,304	3,796	270	18,466	172	378	33,349
Total	2,446	2,181	4,627	62	5,020	733	13,770	19,585	3,567	20,030	6,447	4,752	427	35,222	519	573	60,526

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	1	0	1	0	0	24	0	24	0	29	0	1	0	30	0	4	59
Total	1	0	1	0	0	24	0	24	0	29	0	1	0	30	0	4	59
Butane for Other Uses																	
Refinery	216	0	216	296	281	76	240	893	144	542	1,322	5	3	2,016	113	587	3,825
Bulk Terminal	319	0	319	0	463	0	70	533	150	4,049	0	0	0	4,199	0	0	5,051
Pipeline	33	96	129	0	987	0	364	1,351	821	39	5	100	87	1,052	135	0	2,667
Natural Gas Processing Plant	23	4	27	0	56	9	1,306	1,371	1,190	4,487	2,889	101	101	8,768	41	501	10,708
Total	591	100	691	296	1,787	85	1,980	4,148	2,305	9,117	4,216	206	191	16,035	289	1,088	22,251
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	1	9	18	0	15	43	1	328	372
Bulk Terminal	0	0	0	0	198	0	1	199	0	1	0	0	0	1	0	0	200
Pipeline	0	0	0	0	0	0	15	15	635	24	10	0	1	670	0	0	685
Natural Gas Processing Plant	0	0	0	0	2	0	68	70	21	3	0	2	0	26	0	5	102
Total	0	0	0	0	200	0	84	284	657	37	28	2	16	740	1	333	1,359
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	6	6	327	1,250	0	0	0	1,577	0	0	1,583
Pipeline	0	0	0	0	66	0	449	515	274	85	2	0	92	453	105	0	1,073
Natural Gas Processing Plant	0	0	0	0	0	0	823	823	243	3,972	0	0	294	4,509	0	0	5,332
Total	0	0	0	0	66	0	1,278	1,344	844	5,307	2	0	386	6,539	105	0	7,988
Isobutane																	
Refinery	0	18	18	31	80	11	167	289	96	168	526	11	6	807	28	35	1,177
Bulk Terminal	0	0	0	0	70	0	29	99	141	1,905	0	0	0	2,046	0	0	2,145
Pipeline	0	0	0	0	563	0	111	674	84	31	0	100	57	272	43	0	989
Natural Gas Processing Plant	3	3	6	0	77	1	936	1,014	190	2,191	1,291	65	93	3,830	2	29	4,880
Total	3	21	24	31	790	12	1,243	2,076	511	4,295	1,817	176	156	6,955	73	64	9,191
Other Hydrocarbons and Alcohol																	
Refinery	0	19	19	0	50	0	0	50	1	70	46	0	0	117	0	5	191
Total	0	19	19	0	50	0	0	50	1	70	46	0	0	117	0	5	191
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,159	415	3,574	55	2,691	146	1,216	4,108	1,154	5,986	4,453	182	133	11,908	464	5,070	25,124
Kerosene and Lighter Gas Oils	1,886	8	1,894	0	2,253	8	1,022	3,283	547	6,987	1,285	25	11	8,855	396	4,382	18,810
Heavy Gas Oils	7,189	448	7,637	88	5,700	349	2,120	8,257	874	12,736	6,727	800	151	21,288	1,563	10,909	49,654
Residuum	1,669	243	1,912	3	3,133	45	1,489	4,670	338	4,216	2,939	44	0	7,537	425	5,204	19,748
Total	13,903	1,114	15,017	146	13,777	548	5,847	20,318	2,913	29,925	15,404	1,051	295	49,588	2,848	25,565	113,336
Motor Gasoline Blending Components																	
Refinery	4,245	81	4,326	26	5,768	589	1,875	8,258	1,497	9,572	7,317	116	112	18,614	1,648	8,143	40,989
Bulk Terminal	235	0	235	6	131	2	102	241	129	46	0	0	0	175	0	236	887
Pipeline	0	0	0	0	17	2	86	105	6	0	0	0	0	6	0	0	111
Total	4,480	81	4,561	32	5,916	593	2,063	8,604	1,632	9,618	7,317	116	112	18,795	1,648	8,379	41,987

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	4	0	4	0	140	0	2	142	41	21	131	0	0	193	0	38	377
Total	4	0	4	0	140	0	2	142	41	21	131	0	0	193	0	38	377
Total Finished Motor Gasoline																	
Refinery	5,824	270	6,094	102	6,254	1,384	4,546	12,286	2,016	10,096	6,169	839	231	19,351	1,896	7,081	46,708
Bulk Terminal	34,941	3,083	38,024	1,949	18,214	4,092	5,857	30,112	2,429	5,178	1,844	2,788	347	12,586	1,776	9,574	92,072
Pipeline	14,100	729	14,829	752	6,437	1,182	7,644	16,015	1,720	5,154	4,806	7,219	175	19,074	1,152	2,544	53,614
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Total Finished Motor Gasoline	54,883	4,082	58,965	2,803	30,905	6,658	18,047	58,413	6,165	20,428	12,819	10,846	753	51,011	4,824	19,199	192,412
Finished Leaded Motor Gasoline																	
Refinery	2,474	168	2,642	52	2,852	838	2,514	6,256	1,075	4,958	2,933	685	113	9,764	1,168	3,118	22,948
Bulk Terminal	16,264	1,500	17,764	991	8,719	2,374	3,616	15,700	1,234	3,101	848	1,386	201	6,770	955	4,882	46,071
Pipeline	6,780	373	7,153	364	3,031	654	4,317	8,366	847	2,175	1,704	3,610	90	8,426	751	1,257	25,953
Natural Gas Processing Plant	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Total	25,536	2,041	27,577	1,407	14,602	3,866	10,447	30,322	3,156	10,234	5,485	5,681	404	24,960	2,874	9,257	94,990
Finished Unleaded Motor Gasoline																	
Refinery	3,350	102	3,452	50	3,402	546	2,032	6,030	941	5,138	3,236	154	118	9,587	727	3,959	23,755
Bulk Terminal	18,675	1,583	20,258	958	9,456	1,718	2,238	14,370	1,195	2,077	996	1,402	146	5,816	821	4,692	45,957
Pipeline	7,320	356	7,676	388	3,406	527	3,327	7,648	873	2,979	3,102	3,609	85	10,648	401	1,287	27,660
Total	29,345	2,041	31,386	1,396	16,264	2,791	7,597	28,048	3,009	10,194	7,334	5,165	349	26,051	1,949	9,938	97,372
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5
Bulk Terminal	2	0	2	0	39	0	3	42	0	0	0	0	0	0	0	0	44
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	2	0	2	0	39	1	3	43	0	0	0	0	0	0	1	4	50
Finished Aviation Gasoline																	
Refinery	17	0	17	0	92	0	41	133	17	373	115	0	0	505	35	224	914
Bulk Terminal	285	19	304	0	220	29	67	316	36	5	7	19	50	117	22	401	1,160
Pipeline	5	0	5	0	13	0	45	58	20	1	0	0	0	21	0	0	84
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	53	0	0	0	0	53	0	0	53
Total	307	19	326	0	325	29	153	507	126	379	122	19	50	696	57	625	2,211
Naphtha-Type Jet Fuel																	
Refinery	161	34	195	0	454	50	329	833	329	1,052	422	173	197	2,173	208	834	4,243
Bulk Terminal	7	10	17	19	105	51	132	307	139	85	0	46	0	270	3	54	651
Pipeline	315	0	315	5	9	27	117	158	136	0	72	78	267	553	88	347	1,461
Total	483	44	527	24	568	128	578	1,298	604	1,137	494	297	464	2,996	299	1,235	6,355
Kerosene-Type Jet Fuel																	
Refinery	1,076	0	1,076	53	1,180	63	173	1,469	294	2,733	2,795	1	24	5,847	357	3,038	11,787
Bulk Terminal	5,337	185	5,522	64	2,870	260	612	3,806	204	1,655	52	50	27	1,988	117	1,858	13,291
Pipeline	2,822	114	2,936	83	474	126	1,114	1,797	812	951	864	1,347	26	4,000	135	549	9,417
Total	9,235	299	9,534	200	4,524	449	1,899	7,072	1,310	5,339	3,711	1,398	77	11,835	609	5,445	34,495

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	338	50	388	0	849	41	163	1,053	58	713	586	24	37	1,418	12	140	3,011
Bulk Terminal	3,239	241	3,480	256	1,296	59	23	1,634	15	473	29	15	0	532	27	59	5,732
Pipeline	572	13	585	58	141	0	68	267	4	57	378	182	0	621	0	0	1,473
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	3	0	0	3
Total	4,149	304	4,453	314	2,286	100	254	2,954	79	1,243	993	221	38	2,574	39	199	10,219
Total Distillate Fuel Oils																	
Refinery	8,781	362	9,143	76	8,028	1,855	4,354	14,313	1,020	10,871	5,540	1,209	187	18,827	2,111	4,244	48,638
Bulk Terminal	56,000	2,594	58,594	1,264	12,661	3,639	3,543	21,107	1,510	4,977	1,760	1,161	92	9,500	848	4,465	94,514
Pipeline	7,801	190	7,991	525	2,605	1,182	4,482	8,794	1,005	1,597	1,918	4,113	59	8,692	590	927	26,994
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	72,582	3,146	75,728	1,865	23,294	6,676	12,380	44,215	3,536	17,445	9,218	6,483	338	37,020	3,549	9,636	170,148
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,781	353	9,134	76	7,991	1,855	4,354	14,276	966	10,445	5,291	1,154	159	18,015	2,110	4,197	47,732
Bulk Terminal	54,666	2,593	57,259	1,252	12,607	3,560	3,543	20,962	1,491	4,977	1,747	1,160	92	9,467	848	4,437	92,973
Pipeline	7,801	190	7,991	525	2,605	1,182	4,482	8,794	1,005	1,597	1,918	4,113	59	8,692	590	927	26,994
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	71,248	3,136	74,384	1,853	23,203	6,597	12,380	44,033	3,463	17,019	8,956	6,427	310	36,175	3,548	9,561	167,701
No. 4 Fuel Oil																	
Refinery	0	9	9	0	37	0	0	37	54	426	249	55	28	812	1	47	906
Bulk Terminal	1,334	1	1,335	12	54	79	0	145	19	0	13	1	0	33	0	28	1,541
Total	1,334	10	1,344	12	91	79	0	182	73	426	262	56	28	845	1	75	2,447
Residual Fuel Oils																	
Refinery	3,211	86	3,297	73	1,871	311	227	2,482	374	5,309	3,122	486	76	9,367	545	7,054	22,745
Bulk Terminal	29,050	427	29,477	198	1,472	153	770	2,593	342	2,246	3,569	58	0	6,215	0	2,527	40,812
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	32,261	513	32,774	271	3,343	464	997	5,075	716	7,556	6,691	544	76	15,583	545	9,598	63,575
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	99	0	99	0	72	0	61	133	131	883	306	9	0	1,329	0	252	1,813
Total	99	0	99	0	72	0	61	133	131	883	306	9	0	1,329	0	252	1,813
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	3	0	3	0	177	0	1	178	183	1,153	230	30	0	1,596	0	429	2,206
Total	3	0	3	0	177	0	1	178	183	1,153	230	30	0	1,596	0	429	2,206
Special Naphthas																	
Refinery	192	38	230	0	214	0	204	418	47	1,302	87	128	0	1,564	10	242	2,464
Bulk Terminal	792	28	820	48	148	9	0	205	0	120	0	27	0	147	0	42	1,214
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	124	0	0	0	0	124	0	0	124
Total	984	66	1,050	48	362	9	204	623	171	1,422	87	155	0	1,835	10	284	3,802
Lubricants																	
Refinery																	
Bright Stock	49	417	466	0	54	0	47	101	0	224	73	0	0	297	5	40	909
Neutral	396	401	797	0	482	0	452	934	0	1,799	1,001	85	0	2,885	67	588	5,271
Other	640	162	802	0	156	0	126	282	40	2,177	214	172	0	2,603	8	110	3,805
Bulk Terminals	833	199	1,032	15	455	14	47	531	10	21	241	88	2	362	3	736	2,664
Total	1,918	1,179	3,097	15	1,147	14	672	1,848	50	4,221	1,529	345	2	6,147	83	1,474	12,649

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, October 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	4	44	48	0	0	0	11	11	28	25	10	2	0	65	0	0	124
Total	4	44	48	0	0	0	11	11	28	25	10	2	0	65	0	0	124
Wax, Crystalline–Fully Refined																	
Refinery	8	42	50	0	23	0	24	47	0	89	150	0	0	239	4	36	376
Total	8	42	50	0	23	0	24	47	0	89	150	0	0	239	4	36	376
Wax, Crystalline–Other																	
Refinery	6	73	79	0	1	0	5	6	0	140	0	0	0	140	0	19	244
Total	6	73	79	0	1	0	5	6	0	140	0	0	0	140	0	19	244
Petroleum Coke																	
Refinery	926	0	926	0	729	76	993	1,798	0	131	470	201	0	802	661	1,665	5,852
Total	926	0	926	0	729	76	993	1,798	0	131	470	201	0	802	661	1,665	5,852
Asphalt																	
Refinery	1,688	44	1,732	206	1,513	464	641	2,824	430	524	1,078	729	86	2,847	973	1,194	9,570
Bulk Terminal	1,434	261	1,695	87	847	255	222	1,411	0	0	172	66	0	238	0	217	3,561
Total	3,122	305	3,427	293	2,360	719	863	4,235	430	524	1,250	795	86	3,085	973	1,411	13,131
Road Oil																	
Refinery	0	0	0	0	20	0	0	20	0	0	0	2	0	2	3	27	52
Total	0	0	0	0	20	0	0	20	0	0	0	2	0	2	3	27	52
Miscellaneous Products																	
Refinery	294	51	345	1	74	13	13	101	55	504	226	85	0	870	1	246	1,563
Bulk Terminal	66	0	66	0	15	2	2	19	0	0	12	13	0	25	0	57	167
Pipeline	0	0	0	0	0	0	0	0	42	2	0	0	0	44	0	0	44
Natural Gas Processing Plant	0	0	0	0	3	0	0	3	39	951	1	94	0	1,085	1	0	1,090
Total	360	51	411	1	92	15	15	123	136	1,457	239	192	0	2,024	2	303	2,864
Total Stocks, All Oils	--	--	234,379	--	--	--	--	263,712	--	--	--	--	--	729,111	29,328	175,888	1,432,418

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[1] Crude oil data are not collected by refinery district.

[2] Includes 33,799 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (Incl. lease condensate)[1]																	
Refinery	—	—	15,702	—	—	—	—	15,104	—	—	—	—	—	48,947	1,548	26,859	108,160
Tank Farms and Pipelines	—	—	2,410	—	—	—	—	61,058	—	—	—	—	—	98,760	9,995	29,882	202,105
Leases	—	—	60	—	—	—	—	1,588	—	—	—	—	—	18,303	1,418	1,728	23,097
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	289,963	0	0	289,963
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	24,188	24,188
Total	—	—	18,172	—	—	—	—	77,750	—	—	—	—	—	455,973	12,961	82,657	647,513
Petroleum Products																	
Refinery	45,259	3,364	48,623	981	42,996	5,487	20,497	69,961	10,136	77,521	48,546	5,687	1,273	143,163	12,473	63,409	337,629
Bulk Terminal	148,694	8,188	156,882	3,912	40,297	8,512	11,175	63,896	5,359	34,720	7,066	4,147	471	51,763	2,795	19,312	294,648
Pipeline	28,601	2,929	31,530	1,423	12,364	3,551	17,164	34,502	7,411	7,576	7,072	14,570	999	37,628	2,627	4,201	110,488
Natural Gas Processing Plant	469	686	1,155	0	2,118	151	16,426	18,696	5,839	22,385	10,839	3,882	896	43,841	333	899	64,925
Total	223,023	15,167	238,190	6,316	97,775	17,701	65,262	187,055	28,745	142,202	73,523	28,286	3,639	276,395	18,228	87,821	807,690
Natural Gasoline and Isopentane																	
Refinery	5	0	5	0	24	52	115	191	54	153	135	1	13	356	9	25	586
Pipeline	0	0	0	0	77	14	310	401	159	82	0	60	80	381	182	5	969
Natural Gas Processing Plant	5	27	32	0	25	13	1,213	1,251	382	2,414	509	25	33	3,363	51	25	4,721
Total	10	27	37	0	126	79	1,638	1,843	595	2,649	644	86	126	4,100	242	55	6,276
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	23	101	0	28	28	0	0	56	0	0	157
Natural Gas Processing Plant	0	0	0	0	96	2	2,299	2,397	328	1,302	103	2	157	1,892	31	2	4,321
Total	0	0	0	0	174	2	2,322	2,498	328	1,330	131	2	157	1,948	31	2	4,478
Plant Condensate																	
Refinery	0	0	0	0	6	0	0	6	10	75	0	96	0	181	0	0	187
Pipeline	0	0	0	0	0	0	0	0	866	365	49	8	17	1,305	0	0	1,305
Natural Gas Processing Plant	0	0	0	0	2	0	5	6	36	34	6	10	1	87	19	0	112
Total	0	0	0	0	8	0	5	12	912	474	55	114	18	1,573	19	0	1,604
Ethane																	
Refinery	0	0	0	0	9	0	0	9	0	409	0	0	0	409	0	0	418
Bulk Terminal	0	0	0	0	80	0	40	120	0	727	0	0	0	727	0	0	847
Pipeline	0	0	0	0	42	972	159	1,173	177	78	114	0	3	372	0	0	1,545
Natural Gas Processing Plant	0	0	0	0	24	0	433	458	361	1,363	413	1	0	2,138	0	0	2,596
Total	0	0	0	0	155	972	632	1,760	538	2,577	527	1	3	3,646	0	0	5,406
Propane for Petro Feed. Use.																	
Refinery	72	0	72	0	72	0	1	73	0	8	399	0	0	407	0	0	552
Total	72	0	72	0	72	0	1	73	0	8	399	0	0	407	0	0	552
Propane for Other Uses																	
Refinery	560	4	564	3	1,070	17	246	1,336	77	766	909	3	4	1,759	173	219	4,051
Bulk Terminal	586	0	586	0	1,086	71	435	1,592	167	11,555	6	43	0	11,771	37	0	13,986
Pipeline	857	1,677	2,534	61	1,103	182	1,828	3,174	390	80	245	885	151	1,751	114	0	7,573
Natural Gas Processing Plant	438	653	1,091	0	1,856	119	9,088	11,063	3,068	5,754	5,787	3,567	289	18,464	165	347	31,131
Total	2,441	2,334	4,775	64	5,115	389	11,597	17,165	3,702	18,155	6,947	4,498	444	33,745	489	566	56,741

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	17	0	17	0	25	0	1	0	26	0	2	45
Total	0	0	0	0	0	17	0	17	0	25	0	1	0	26	0	2	45
Butane for Other Uses																	
Refinery	99	0	99	261	273	49	181	764	121	329	1,109	4	3	1,566	163	622	3,214
Bulk Terminal	262	0	262	0	402	0	71	473	109	3,365	0	0	0	3,474	0	0	4,209
Pipeline	30	126	156	0	922	15	261	1,198	786	95	5	163	75	1,124	130	0	2,608
Natural Gas Processing Plant	17	5	22	0	62	14	849	924	1,004	3,668	2,699	134	91	7,596	42	491	9,075
Total	408	131	539	261	1,659	78	1,362	3,359	2,020	7,457	3,813	301	169	13,760	335	1,113	19,106
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	0	0	0	0	1	16	55	0	19	91	4	278	373
Bulk Terminal	0	0	0	0	196	0	0	196	0	1	0	0	0	1	0	0	197
Pipeline	0	0	0	0	0	0	20	20	614	19	14	0	1	648	0	0	668
Natural Gas Processing Plant	0	0	0	0	5	0	83	88	32	7	0	2	0	41	0	4	133
Total	0	0	0	0	201	0	103	304	647	43	69	2	20	781	4	282	1,371
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	0	0	1	1	255	1,552	0	0	0	1,807	0	0	1,808
Pipeline	0	0	0	0	66	0	463	529	255	85	2	0	118	460	125	0	1,114
Natural Gas Processing Plant	0	0	0	0	0	0	1,174	1,174	240	4,833	0	0	256	5,329	0	0	6,502
Total	0	0	0	0	66	0	1,638	1,704	750	6,470	2	0	374	7,596	125	0	9,424
Isobutane																	
Refinery	9	9	18	18	88	13	152	271	102	254	557	10	7	930	29	12	1,260
Bulk Terminal	0	0	0	0	72	0	8	80	99	1,888	0	0	0	1,987	0	0	2,067
Pipeline	0	0	0	0	459	0	94	553	86	10	0	50	49	195	36	0	784
Natural Gas Processing Plant	1	2	3	0	45	4	1,281	1,330	154	2,187	1,321	49	68	3,779	1	30	5,143
Total	10	11	21	18	664	17	1,535	2,234	441	4,339	1,878	109	124	6,891	66	42	9,254
Other Hydrocarbons and Alcohol																	
Refinery	0	15	15	0	88	0	0	88	1	70	37	0	0	108	0	4	215
Total	0	15	15	0	88	0	0	88	1	70	37	0	0	108	0	4	215
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,521	308	3,829	46	2,455	137	1,280	3,918	901	6,200	3,951	184	97	11,333	492	5,450	25,022
Kerosene and Lighter Gas Oils	1,662	9	1,671	0	2,252	10	1,138	3,400	328	7,204	1,140	100	3	8,775	252	3,753	17,851
Heavy Gas Oils	7,079	481	7,560	99	5,837	297	1,850	8,083	817	12,415	6,787	800	148	20,967	1,261	10,473	48,344
Residuum	1,518	257	1,775	2	3,084	43	1,461	4,590	522	3,793	3,492	27	0	7,834	728	5,606	20,533
Total	13,780	1,055	14,835	147	13,628	487	5,729	19,991	2,568	29,612	15,370	1,111	248	48,909	2,733	25,282	111,750
Motor Gasoline Blending Components																	
Refinery	4,578	118	4,696	34	5,423	592	1,684	7,733	1,342	8,528	7,182	133	149	17,334	1,886	8,132	39,781
Bulk Terminal	294	0	294	5	133	1	49	188	53	45	0	0	0	98	0	93	673
Pipeline	0	0	0	0	0	2	215	217	12	0	0	0	0	12	0	0	229
Total	4,872	118	4,990	39	5,556	595	1,948	8,138	1,407	8,573	7,182	133	149	17,444	1,886	8,225	40,683

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	0	0	0	0	97	0	7	104	36	25	148	0	0	209	0	38	351
Total	0	0	0	0	97	0	7	104	36	25	148	0	0	209	0	38	351
Total Finished Motor Gasoline																	
Refinery	5,271	266	5,537	100	5,637	1,450	4,137	11,324	2,450	8,368	5,216	1,030	170	17,234	2,338	7,117	43,550
Bulk Terminal	36,433	3,597	40,030	1,780	17,422	3,772	5,274	28,248	2,538	5,367	1,815	2,526	292	12,538	1,706	9,533	92,055
Pipeline	14,940	651	15,591	734	6,911	1,200	7,466	16,311	2,403	3,738	4,344	7,601	188	18,274	1,208	2,359	53,743
Natural Gas Processing Plant	8	0	8	0	0	0	0	0	0	0	0	0	0	0	23	0	32
Total Finished Motor Gasoline	56,652	4,514	61,166	2,614	29,970	6,422	16,877	55,883	7,391	17,473	11,375	11,157	650	48,046	5,275	19,009	189,380
Finished Leaded Motor Gasoline																	
Refinery	2,530	145	2,675	56	2,495	900	2,433	5,884	1,349	3,898	2,699	816	79	8,841	1,454	3,053	21,907
Bulk Terminal	17,711	1,616	19,327	876	8,533	2,245	3,456	15,110	1,297	2,759	838	1,285	169	6,348	1,020	5,181	46,986
Pipeline	6,428	342	6,770	348	3,000	736	4,643	8,727	1,556	2,277	1,604	3,736	112	9,285	781	1,160	26,723
Natural Gas Processing Plant	8	0	8	0	0	0	0	0	0	0	0	0	0	0	18	0	27
Total	26,677	2,103	28,780	1,280	14,028	3,881	10,532	29,721	4,202	8,934	5,141	5,837	360	24,474	3,273	9,394	95,643
Finished Unleaded Motor Gasoline																	
Refinery	2,741	121	2,862	44	3,142	550	1,704	5,440	1,101	4,470	2,517	214	91	8,393	883	4,058	21,636
Bulk Terminal	18,715	1,981	20,696	904	8,854	1,527	1,817	13,102	1,241	2,608	977	1,241	123	6,190	686	4,352	45,026
Pipeline	8,512	309	8,821	386	3,911	463	2,823	7,583	847	1,461	2,740	3,865	76	8,989	427	1,199	27,019
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
Total	29,968	2,411	32,379	1,334	15,907	2,540	6,344	26,125	3,189	8,539	6,234	5,320	290	23,572	2,001	9,609	93,686
Gasohol																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	7
Bulk Terminal	7	0	7	0	35	0	1	36	0	0	0	0	0	0	0	0	43
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	7	0	7	0	35	1	1	37	0	0	0	0	0	0	1	6	51
Finished Aviation Gasoline																	
Refinery	24	0	24	0	103	0	39	142	22	330	140	0	0	492	36	239	933
Bulk Terminal	433	41	474	17	257	44	65	383	45	22	4	30	58	159	19	427	1,462
Pipeline	18	0	18	0	11	0	31	42	0	0	0	0	0	0	0	0	60
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	65	0	0	0	0	65	0	0	65
Total	475	41	516	17	371	44	135	567	132	352	144	30	58	716	55	666	2,520
Naphtha-Type Jet Fuel																	
Refinery	129	39	168	0	472	67	273	812	271	729	341	218	157	1,716	251	1,019	3,966
Bulk Terminal	7	10	17	26	174	37	108	345	171	64	0	45	0	280	8	120	770
Pipeline	243	0	243	22	0	58	91	171	171	0	52	114	216	553	87	304	1,358
Total	379	49	428	48	646	162	472	1,328	613	793	393	377	373	2,549	346	1,443	6,094
Kerosene-Type Jet Fuel																	
Refinery	1,316	0	1,316	39	1,300	52	188	1,579	322	2,489	2,483	1	29	5,324	352	3,197	11,768
Bulk Terminal	5,665	153	5,818	63	2,500	316	542	3,421	199	1,683	81	41	20	2,024	156	1,917	13,336
Pipeline	2,800	156	2,956	109	515	115	1,335	2,074	781	1,219	489	1,326	19	3,834	115	433	9,412
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,781	309	10,090	211	4,315	483	2,065	7,074	1,302	5,391	3,053	1,368	68	11,182	623	5,547	34,516

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, November 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	375	46	421	0	693	29	195	917	45	1,001	591	19	59	1,715	7	82	3,142
Bulk Terminal	4,284	313	4,597	271	1,315	71	13	1,670	15	420	44	26	0	505	27	40	6,839
Pipeline	733	13	746	59	116	0	32	207	17	91	152	146	0	406	0	1	1,360
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	2	0	0	0	1	3	0	0	3
Total	5,392	372	5,764	330	2,124	100	240	2,794	79	1,512	787	191	60	2,629	34	123	11,344
Total Distillate Fuel Oils																	
Refinery	9,985	368	10,353	49	8,030	1,811	4,497	14,387	1,319	9,888	5,885	1,314	256	18,662	2,036	5,524	50,962
Bulk Terminal	66,177	2,875	69,052	1,344	13,775	3,668	3,751	22,538	1,395	5,619	1,608	1,235	99	9,956	839	4,668	107,053
Pipeline	8,980	306	9,286	438	2,064	993	4,836	8,331	684	1,678	1,578	4,217	82	8,239	630	1,077	27,563
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	85,142	3,549	88,691	1,831	23,869	6,472	13,085	45,257	3,399	17,185	9,071	6,766	437	36,858	3,505	11,269	185,580
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	9,985	364	10,349	49	8,002	1,811	4,497	14,359	1,275	9,658	5,630	1,242	189	17,994	2,029	5,479	50,210
Bulk Terminal	64,282	2,872	67,154	1,335	13,747	3,668	3,751	22,501	1,343	5,619	1,607	1,235	99	9,903	839	4,632	105,029
Pipeline	8,980	306	9,286	438	2,064	993	4,836	8,331	684	1,678	1,578	4,217	82	8,239	630	1,077	27,563
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	83,247	3,542	86,789	1,822	23,813	6,472	13,085	45,192	3,303	16,955	8,815	6,694	370	36,137	3,498	11,188	182,804
No. 4 Fuel Oil																	
Refinery	0	4	4	0	28	0	0	28	44	230	255	72	67	668	7	45	752
Bulk Terminal	1,895	3	1,898	9	28	0	0	37	52	0	1	0	0	53	0	36	2,024
Total	1,895	7	1,902	9	56	0	0	65	96	230	256	72	67	721	7	81	2,776
Residual Fuel Oils																	
Refinery	4,289	122	4,411	110	2,130	295	154	2,689	410	5,511	4,136	281	56	10,394	514	6,618	24,626
Bulk Terminal	31,357	601	31,958	216	1,294	149	649	2,308	309	2,279	3,133	25	0	5,746	0	1,736	41,748
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	22	23
Total	35,646	723	36,369	326	3,424	444	803	4,997	719	7,791	7,269	306	56	16,141	514	8,376	66,397
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	193	0	193	0	57	0	68	125	132	953	276	9	0	1,370	0	315	2,003
Total	193	0	193	0	57	0	68	125	132	953	276	9	0	1,370	0	315	2,003
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	5	0	5	0	135	0	1	136	200	1,166	272	32	0	1,670	0	383	2,194
Total	5	0	5	0	135	0	1	136	200	1,166	272	32	0	1,670	0	383	2,194
Special Naphthas																	
Refinery	48	45	93	0	245	0	190	435	35	1,256	70	121	0	1,482	8	196	2,214
Bulk Terminal	722	25	747	36	184	7	0	227	0	120	0	19	0	139	0	0	1,113
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	133	0	0	0	0	133	0	0	133
Total	770	70	840	36	429	7	190	662	168	1,376	70	140	0	1,754	8	196	3,460
Lubricants																	
Refinery																	
Bright Stock	77	454	531	0	45	0	44	89	0	251	83	0	0	334	2	44	1,000
Neutral	525	437	962	0	593	0	447	1,040	0	1,859	1,042	79	0	2,980	57	521	5,560
Other	658	147	805	0	157	0	126	283	39	2,042	286	184	0	2,551	7	101	3,747
Bulk Terminals	825	190	1,015	12	432	16	54	514	4	13	197	68	2	284	3	525	2,341
Total	2,085	1,228	3,313	12	1,227	16	671	1,926	43	4,165	1,608	331	2	6,149	69	1,191	12,648

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District,November 30, 1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	3	37	40	0	0	0	14	14	28	28	10	1	0	67	0	0	121
Total	3	37	40	0	0	0	14	14	28	28	10	1	0	67	0	0	121
Wax, Crystalline–Fully Refined																	
Refinery	10	45	55	0	20	0	27	47	0	83	175	0	0	258	10	34	404
Total	10	45	55	0	20	0	27	47	0	83	175	0	0	258	10	34	404
Wax, Crystalline–Other																	
Refinery	6	74	80	0	0	0	7	7	0	131	0	0	0	131	0	11	229
Total	6	74	80	0	0	0	7	7	0	131	0	0	0	131	0	11	229
Petroleum Coke																	
Refinery	1,174	0	1,174	0	830	63	1,140	2,033	0	146	438	218	0	802	713	1,968	6,690
Total	1,174	0	1,174	0	830	63	1,140	2,033	0	146	438	218	0	802	713	1,968	6,690
Asphalt																	
Refinery	1,735	29	1,764	219	1,680	479	822	3,200	503	580	898	754	103	2,838	1,144	1,191	10,137
Bulk Terminal	1,623	383	2,006	142	961	357	113	1,573	0	0	166	73	0	239	0	140	3,958
Total	3,358	412	3,770	361	2,641	836	935	4,773	503	580	1,064	827	103	3,077	1,144	1,331	14,095
Road Oil																	
Refinery	0	0	0	0	20	0	0	20	0	0	0	1	0	1	0	33	54
Total	0	0	0	0	20	0	0	20	0	0	0	1	0	1	0	33	54
Miscellaneous Products																	
Refinery	333	54	387	1	71	14	13	99	48	440	303	66	0	857	1	202	1,546
Bulk Terminal	26	0	26	0	14	3	2	19	0	0	12	16	0	28	0	113	186
Pipeline	0	0	0	0	0	0	0	0	10	7	0	0	0	17	0	0	17
Natural Gas Processing Plant	0	0	0	0	4	0	0	4	32	824	1	93	0	950	1	0	955
Total	359	54	413	1	89	17	15	122	90	1,271	316	175	0	1,852	2	315	2,704
Total Stocks, All Oils	—	—	256,362	—	—	—	—	264,805	—	—	—	—	—	732,368	31,189	170,478	1,455,203

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[1] Crude oil data are not collected by refinery district.

[2] Includes 33,799 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil (incl. lease condensate)[1]																	
Refinery	—	—	15,182	—	—	—	—	15,892	—	—	—	—	—	41,525	1,733	25,313	99,645
Tank Farms and Pipelines	—	—	2,265	—	—	—	—	60,989	—	—	—	—	—	99,054	10,263	30,819	203,390
Leases	—	—	65	—	—	—	—	1,569	—	—	—	—	—	19,175	1,461	1,782	24,052
Strategic Petroleum Reserve[2]	—	—	0	—	—	—	—	0	—	—	—	—	—	293,827	0	0	293,827
Alaskan In-Transit	—	—	0	—	—	—	—	0	—	—	—	—	—	0	0	22,643	22,643
Total	—	—	17,512	—	—	—	—	78,450	—	—	—	—	—	453,581	13,457	80,557	643,557
Petroleum Products																	
Refinery	42,875	3,622	46,497	886	42,571	6,293	20,047	69,797	10,287	71,175	47,632	5,371	1,441	135,906	14,511	65,397	332,108
Bulk Terminal	141,110	8,542	149,652	3,979	40,556	8,785	11,991	65,311	4,766	30,064	8,130	3,533	544	47,037	2,958	19,821	284,779
Pipeline	26,456	2,715	29,171	1,294	12,436	3,952	18,219	35,901	7,444	8,162	7,451	15,293	1,053	39,403	2,813	4,301	111,589
Natural Gas Processing Plant	429	572	1,001	0	2,126	120	16,120	18,366	5,509	18,363	9,339	3,613	690	37,513	311	700	57,891
Total	210,870	15,451	226,321	6,159	97,689	19,150	66,377	189,375	28,006	127,764	72,552	27,810	3,728	259,859	20,593	90,219	786,367
Natural Gasoline and Isopentane																	
Refinery	2	0	2	0	28	135	105	268	37	89	173	1	24	324	8	28	630
Pipeline	0	0	0	0	129	17	268	414	211	37	0	81	81	410	182	5	1,011
Natural Gas Processing Plant	2	24	25	0	26	16	1,614	1,656	332	1,742	475	29	39	2,618	40	22	4,361
Total	4	24	27	0	183	168	1,987	2,338	580	1,868	648	111	144	3,352	230	55	6,002
Unfractionated Stream																	
Pipeline	0	0	0	0	78	0	16	94	0	28	28	0	0	56	0	0	150
Natural Gas Processing Plant	0	0	0	0	102	2	2,114	2,218	244	724	115	1	168	1,253	32	1	3,504
Total	0	0	0	0	180	2	2,130	2,312	244	752	143	1	168	1,309	32	1	3,654
Plant Condensate																	
Refinery	0	0	0	0	5	0	0	5	12	86	0	82	0	180	0	0	185
Pipeline	0	0	0	0	0	0	0	0	814	269	49	4	17	1,153	0	0	1,153
Natural Gas Processing Plant	0	0	0	0	2	0	5	7	42	37	3	9	1	91	10	0	108
Total	0	0	0	0	7	0	5	12	868	392	52	95	18	1,424	10	0	1,446
Ethane																	
Refinery	0	0	0	0	8	0	0	8	0	386	0	0	0	386	0	0	394
Bulk Terminal	0	0	0	0	50	0	42	92	0	289	0	0	0	289	0	0	381
Pipeline	0	0	0	0	43	940	152	1,135	167	79	107	0	3	356	0	0	1,491
Natural Gas Processing Plant	0	0	0	0	25	0	850	874	388	1,390	302	0	0	2,080	1	0	2,955
Total	0	0	0	0	126	940	1,044	2,109	555	2,144	409	0	3	3,111	1	0	5,221
Propane for Petro Feed. Use.																	
Refinery	55	0	55	0	90	0	2	92	0	5	417	0	0	422	0	0	569
Total	55	0	55	0	90	0	2	92	0	5	417	0	0	422	0	0	569
Propane for Other Uses																	
Refinery	650	8	658	4	1,191	39	302	1,536	77	689	1,005	3	5	1,779	162	235	4,370
Bulk Terminal	606	0	606	0	1,083	82	300	1,465	134	10,610	126	32	0	10,902	31	0	13,004
Pipeline	893	1,513	2,406	3	1,428	254	1,948	3,633	472	408	249	518	152	1,799	121	0	7,959
Natural Gas Processing Plant	395	540	935	0	1,878	91	8,110	10,079	2,693	4,999	5,462	3,466	210	16,830	146	238	28,228
Total	2,544	2,061	4,605	7	5,580	466	10,660	16,713	3,376	16,706	6,842	4,019	367	31,310	460	473	53,561

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Butane for Petro. Feed. Use																	
Refinery	0	0	0	0	0	17	0	17	0	13	0	2	0	15	0	2	34
Total	0	0	0	0	0	17	0	17	0	13	0	2	0	15	0	2	34
Butane for Other Uses																	
Refinery	182	0	182	162	207	53	194	616	74	379	543	4	4	1,004	155	601	2,558
Bulk Terminal	236	0	236	0	206	0	73	279	95	2,230	0	0	0	2,325	0	0	2,840
Pipeline	33	65	98	58	724	15	326	1,123	875	19	5	140	77	1,116	144	0	2,481
Natural Gas Processing Plant	17	7	23	0	54	9	870	934	863	3,233	1,894	63	90	6,143	40	358	7,498
Total	468	72	539	220	1,191	77	1,463	2,952	1,907	5,861	2,442	207	171	10,588	339	959	15,377
Butane-Propane Mixtures for Petro. Feed. Use																	
Refinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butane-Propane Mixtures for Other Uses																	
Refinery	0	0	0	0	1	0	0	1	1	10	11	0	7	29	2	174	206
Bulk Terminal	0	0	0	0	130	0	0	130	0	0	0	0	0	0	0	0	130
Pipeline	0	0	0	0	0	0	20	20	604	29	14	0	1	648	0	0	668
Natural Gas Processing Plant	0	0	0	0	11	0	36	47	56	2	0	1	0	59	0	5	111
Total	0	0	0	0	142	0	56	198	661	41	25	1	8	736	2	179	1,115
Ethane-Propane Mixtures																	
Bulk Terminal	0	0	0	0	3	0	7	10	116	2,408	0	0	0	2,524	0	0	2,534
Pipeline	0	0	0	0	66	0	457	523	398	86	2	0	114	600	122	0	1,245
Natural Gas Processing Plant	0	0	0	0	0	0	1,288	1,288	318	4,305	0	0	109	4,733	0	0	6,021
Total	0	0	0	0	69	0	1,752	1,821	832	6,799	2	0	223	7,857	122	0	9,800
Isobutane																	
Refinery	0	8	8	33	124	25	164	346	100	133	432	13	7	685	22	26	1,087
Bulk Terminal	0	0	0	0	53	0	92	145	98	1,375	0	0	0	1,473	0	0	1,618
Pipeline	15	0	15	0	315	0	76	391	159	11	0	150	48	368	36	0	810
Natural Gas Processing Plant	1	2	2	0	23	2	1,233	1,258	321	1,928	1,086	40	71	3,446	1	76	4,783
Total	16	10	25	33	515	27	1,565	2,140	678	3,447	1,518	203	126	5,972	59	102	8,298
Other Hydrocarbons and Alcohol																	
Refinery	83	26	109	0	70	0	0	70	1	86	40	0	0	127	0	5	311
Total	83	26	109	0	70	0	0	70	1	86	40	0	0	127	0	5	311
Unfinished Oils																	
Refinery																	
Naphthas and Lighter	3,265	315	3,580	43	2,570	122	1,139	3,874	791	6,228	4,266	141	95	11,521	439	4,689	24,103
Kerosene and Lighter Gas Oils	1,896	9	1,905	0	2,058	8	752	2,818	416	6,083	1,343	36	5	7,883	334	3,796	16,736
Heavy Gas Oils	5,794	357	6,151	87	4,708	325	1,795	6,915	848	11,502	6,278	673	138	19,439	818	11,226	44,549
Residuum	1,711	309	2,020	4	2,898	21	1,247	4,170	542	3,560	3,219	45	0	7,366	1,095	5,230	19,881
Total	12,666	990	13,656	134	12,234	476	4,933	17,777	2,597	27,373	15,106	895	238	46,209	2,686	24,941	105,269
Motor Gasoline Blending Components																	
Refinery	4,956	105	5,061	32	5,903	683	1,973	8,591	1,369	8,308	6,388	100	193	16,358	2,473	7,615	40,098
Bulk Terminal	219	1	220	5	92	2	81	180	49	0	0	0	0	49	0	45	494
Pipeline	0	0	0	0	84	2	220	306	35	0	0	0	0	35	0	0	341
Total	5,175	106	5,281	37	6,079	687	2,274	9,077	1,453	8,308	6,388	100	193	16,442	2,473	7,660	40,933

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Aviation Gasoline Blending Components																	
Refinery	5	0	5	0	140	0	9	149	37	70	209	0	0	316	0	22	492
Total	5	0	5	0	140	0	9	149	37	70	209	0	0	316	0	22	492
Total Finished Motor Gasoline																	
Refinery	6,040	327	6,367	107	5,920	1,315	3,792	11,134	2,366	8,160	6,395	994	208	18,123	2,892	8,370	46,886
Bulk Terminal	37,291	3,415	40,706	1,890	18,045	3,992	5,301	29,228	2,353	5,556	1,646	2,066	328	11,949	1,849	9,575	93,307
Pipeline	14,410	718	15,128	629	6,004	1,322	7,898	15,853	2,438	4,391	4,318	8,365	181	19,693	1,313	2,264	54,251
Natural Gas Processing Plant	14	0	14	0	0	0	0	0	0	0	0	0	0	0	40	0	54
Total Finished Motor Gasoline	57,755	4,460	62,215	2,626	29,969	6,629	16,991	56,215	7,157	18,107	12,359	11,425	717	49,765	6,094	20,209	194,498
Finished Leaded Motor Gasoline																	
Refinery	2,534	197	2,731	48	2,778	852	2,120	5,798	1,353	3,869	3,090	766	102	9,180	1,898	3,557	23,164
Bulk Terminal	17,684	1,606	19,290	974	9,236	2,364	3,425	15,999	1,289	2,876	779	1,025	189	6,158	1,193	5,017	47,657
Pipeline	6,780	283	7,063	345	2,975	871	4,385	8,576	965	2,595	1,742	4,331	85	9,718	835	1,113	27,305
Natural Gas Processing Plant	6	0	6	0	0	0	0	0	0	0	0	0	0	0	37	0	43
Total	27,004	2,086	29,090	1,367	14,989	4,087	9,930	30,373	3,607	9,340	5,611	6,122	376	25,056	3,963	9,687	98,169
Finished Unleaded Motor Gasoline																	
Refinery	3,506	130	3,636	59	3,139	463	1,672	5,333	1,013	4,291	3,305	228	106	8,943	994	4,806	23,712
Bulk Terminal	19,595	1,809	21,404	916	8,767	1,628	1,870	13,181	1,064	2,680	867	1,041	139	5,791	656	4,558	45,590
Pipeline	7,630	435	8,065	284	3,029	450	3,513	7,276	1,473	1,796	2,576	4,034	96	9,975	478	1,151	26,945
Natural Gas Processing Plant	9	0	9	0	0	0	0	0	0	0	0	0	0	0	3	0	12
Total	30,740	2,374	33,114	1,259	14,935	2,541	7,055	25,790	3,550	8,767	6,748	5,303	341	24,709	2,131	10,515	96,259
Gasohol																	
Refinery	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	7	10
Bulk Terminal	12	0	12	0	42	0	6	48	0	0	0	0	0	0	0	0	60
Pipeline	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	12	0	12	0	45	1	6	52	0	0	0	0	0	0	0	7	71
Finished Aviation Gasoline																	
Refinery	12	0	12	0	81	0	29	110	22	365	92	0	0	479	44	223	868
Bulk Terminal	352	64	416	1	279	46	87	413	42	5	2	23	16	88	23	391	1,331
Pipeline	0	0	0	0	10	0	9	19	9	5	0	0	0	14	0	0	33
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	74	0	0	0	0	74	0	0	74
Total	364	64	428	1	370	46	125	542	147	375	94	23	16	655	67	614	2,306
Naphtha-Type Jet Fuel																	
Refinery	251	36	287	0	416	29	264	709	292	520	467	190	128	1,597	251	831	3,675
Bulk Terminal	18	10	28	9	159	46	166	380	116	52	0	44	0	212	13	95	728
Pipeline	199	0	199	21	16	96	76	209	85	0	62	110	228	485	85	286	1,264
Total	468	46	514	30	591	171	506	1,298	493	572	529	344	356	2,294	349	1,212	5,667
Kerosene-Type Jet Fuel																	
Refinery	1,191	0	1,191	43	1,172	104	201	1,520	305	1,813	2,252	17	23	4,410	379	3,024	10,524
Bulk Terminal	4,414	178	4,592	59	2,563	236	543	3,401	228	1,072	83	44	37	1,464	150	1,615	11,222
Pipeline	3,164	110	3,274	84	557	211	1,490	2,342	418	787	732	1,113	37	3,087	109	622	9,434
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8,769	288	9,057	186	4,292	551	2,234	7,263	951	3,672	3,067	1,174	97	8,961	638	5,261	31,180

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Kerosene																	
Refinery	307	90	397	0	582	44	224	850	52	840	449	9	54	1,404	13	97	2,761
Bulk Terminal	3,815	403	4,218	230	1,272	70	21	1,593	14	332	36	24	0	406	29	48	6,294
Pipeline	590	2	592	26	129	0	39	194	31	70	300	175	0	576	0	1	1,363
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	2
Total	4,712	495	5,207	256	1,983	114	284	2,637	98	1,242	785	208	54	2,388	42	146	10,420
Total Distillate Fuel Oils																	
Refinery	8,086	505	8,591	53	7,589	2,119	4,659	14,420	1,381	8,356	5,192	1,310	353	16,592	2,463	5,980	48,046
Bulk Terminal	61,306	3,232	64,538	1,379	13,725	3,430	4,425	22,959	1,308	4,500	1,622	1,093	163	8,686	860	5,642	102,685
Pipeline	7,152	307	7,459	473	2,853	1,095	5,209	9,630	687	1,940	1,585	4,637	114	8,963	701	1,106	27,859
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total Distillate Fuel Oil	76,544	4,044	80,588	1,905	24,167	6,644	14,294	47,010	3,377	14,796	8,399	7,040	630	34,242	4,024	12,728	178,592
Dist. Fuel Oils Less No. 4 Fuel Oil																	
Refinery	8,086	498	8,584	53	7,552	2,119	4,659	14,383	1,344	8,120	5,044	1,229	295	16,032	2,455	5,922	47,376
Bulk Terminal	59,901	3,232	63,133	1,371	13,662	3,430	4,425	22,888	1,294	4,500	1,555	1,093	163	8,605	860	5,605	101,091
Pipeline	7,152	307	7,459	473	2,853	1,095	5,209	9,630	687	1,940	1,585	4,637	114	8,963	701	1,106	27,859
Natural Gas Processing Plant	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	2
Total	75,139	4,037	79,176	1,897	24,067	6,644	14,294	46,902	3,326	14,560	8,184	6,959	572	33,601	4,016	12,633	176,328
No. 4 Fuel Oil																	
Refinery	0	7	7	0	37	0	0	37	37	236	148	81	58	560	8	58	670
Bulk Terminal	1,405	0	1,405	8	63	0	0	71	14	0	67	0	0	81	0	37	1,594
Total	1,405	7	1,412	8	100	0	0	108	51	236	215	81	58	641	8	95	2,264
Residual Fuel Oils																	
Refinery	4,463	137	4,600	111	2,500	379	153	3,143	317	5,150	4,460	279	40	10,246	634	7,651	26,274
Bulk Terminal	29,557	577	30,134	153	1,107	170	643	2,073	201	1,616	4,169	41	0	6,027	0	1,674	39,908
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	34,020	714	34,734	264	3,607	549	796	5,216	518	6,767	8,629	320	40	16,274	634	9,342	66,200
Naphtha < 400 Deg. Petro. Feedstock																	
Refinery	102	0	102	0	97	0	85	182	108	969	330	9	0	1,416	0	267	1,967
Total	102	0	102	0	97	0	85	182	108	969	330	9	0	1,416	0	267	1,967
Other Oils > 400 Deg. Petro. Feedstock																	
Refinery	5	0	5	0	185	0	1	186	343	832	224	42	0	1,441	0	548	2,180
Total	5	0	5	0	185	0	1	186	343	832	224	42	0	1,441	0	548	2,180
Special Naphthas																	
Refinery	28	42	70	0	210	0	165	375	38	1,284	56	139	0	1,517	9	231	2,202
Bulk Terminal	750	73	823	46	204	5	0	255	0	2	0	21	0	23	0	34	1,135
Natural Gas Processing Plant	0	0	0	0	0	0	0	0	137	0	0	0	0	137	0	0	137
Total	778	115	893	46	414	5	165	630	175	1,286	56	160	0	1,677	9	265	3,474
Lubricants																	
Refinery																	
Bright Stock	88	457	545	0	44	0	49	93	0	297	56	0	0	353	4	39	1,034
Neutral	469	486	955	0	567	0	534	1,101	0	1,852	1,002	84	0	2,938	68	572	5,634
Other	623	147	770	0	146	0	136	282	47	1,738	281	201	0	2,267	9	110	3,438
Bulk Terminals	821	188	1,009	83	434	18	77	612	12	17	210	60	0	299	3	502	2,425
Total	2,001	1,278	3,279	83	1,191	18	796	2,088	59	3,904	1,549	345	0	5,857	84	1,223	12,531

See footnotes at end of table.

Table 22. Stocks of Crude Oil and Petroleum Products by PAD District, December 31,1982 (continued)

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Wax, Microcrystalline																	
Refinery	4	28	32	0	0	0	12	12	26	25	11	0	0	62	0	0	106
Total	4	28	32	0	0	0	12	12	26	25	11	0	0	62	0	0	106
Wax, Crystalline--Fully Refined																	
Refinery	16	66	82	0	18	0	36	56	0	93	183	0	0	276	10	41	465
Total	16	66	82	0	18	0	38	56	0	93	183	0	0	276	10	41	465
Wax, Crystalline--Other																	
Refinery	6	74	80	0	0	0	11	11	0	108	0	0	0	108	0	16	215
Total	6	74	80	0	0	0	11	11	0	108	0	0	0	108	0	16	215
Petroleum Coke																	
Refinery	801	0	801	0	816	132	1,026	1,974	1	137	523	268	0	929	776	2,241	6,721
Total	801	0	801	0	816	132	1,026	1,974	1	137	523	268	0	929	776	2,241	6,721
Asphalt																	
Refinery	1,474	38	1,512	206	2,148	731	971	4,056	635	573	976	679	157	3,020	1,451	1,289	11,328
Bulk Terminal	1,706	401	2,107	124	1,137	686	130	2,077	0	0	225	72	0	297	0	75	4,556
Total	3,180	439	3,619	330	3,285	1,417	1,101	6,133	635	573	1,201	751	157	3,317	1,451	1,364	15,884
Road Oil																	
Refinery	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	32	47
Total	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	32	47
Miscellaneous Products																	
Refinery	310	52	362	1	64	12	15	92	49	436	359	50	0	894	0	186	1,534
Bulk Terminal	19	0	19	0	14	2	3	19	0	0	11	13	0	24	0	125	187
Pipeline	0	0	0	0	0	0	15	15	41	2	0	0	0	43	0	0	58
Natural Gas Processing Plant	0	0	0	0	4	0	0	4	40	4	1	2	0	48	1	0	53
Total	329	52	381	1	82	14	33	130	130	442	371	65	0	1,009	1	311	1,832
Total Stocks, All Oils	—	—	243,833	—	—	—	—	267,825	—	—	—	—	—	713,440	34,050	170,776	1,429,924

[1] Crude oil data are not collected by refinery district.

[2] Includes 33,849 thousands of barrels of domestic crude oil.

(s) Less than 500 barrels.

— Not Applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-64, "Natural Gas Liquids Operations Report"; Form EIA-87, "Refinery Report"; Form EIA-88, "Bulk Terminal Stocks of Finished Petroleum Products"; Form EIA-89, "Pipeline Products Report"; and Form EIA-90, "Crude Oil Stocks Report."

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, January 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	108	0	0	0	412	1,208	0	0	0	0	0	2,838	0	12,710
Petroleum Products	8,198	526	0	2,778	6,107	2,550	0	93,997	22,451	0	1,551	1,023	0	1,113	20	1	12
Natural Gasoline and Isopentane	0	0	0	0	291	0	0	0	1,174	0	0	291	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	0	843	1,698	252	0	3,091	8,528	0	0	0	0	0	0	0	0
Unfinished Oils	15	0	0	0	0	0	0	27	178	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	963	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,852	0	0	1,361	2,220	1,462	0	45,971	7,192	0	618	455	0	834	0	0	0
Finished Leaded Motor Gasoline	2,994	0	0	611	1,411	874	0	20,921	4,104	0	346	311	0	607	0	0	0
Finished Unleaded Motor Gasoline	2,858	0	0	750	809	588	0	25,050	3,088	0	272	144	0	227	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	13	0	145	66	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	74	0	0	0	0	0	0	762	2	0	148	10	0	103	0	0	0
Kerosene-Type Jet Fuel	228	0	0	43	0	672	0	8,329	1,658	0	116	6	0	29	0	0	0
Kerosene	202	0	0	18	0	0	0	1,564	100	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,770	145	0	327	499	151	0	25,554	1,701	0	292	261	0	147	0	0	0
Distillate Fuel Oil Less No. 4	1,770	145	0	327	499	151	0	25,424	1,701	0	292	261	0	147	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	130	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	261	0	115	1,338	0	0	6,633	208	0	259	0	0	0	0	0	12
Naphtha and Other Oils for Petro. Feed. Use	18	41	0	18	51	0	0	123	112	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	6	0	0	0	193	174	0	0	0	0	0	0	0	0
Lubricants	39	79	0	47	10	0	0	662	220	0	118	0	0	0	0	0	0
Wax	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	0	210	100	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	710	75	0	0	0	0	0	20	1	0
Total All Products	8,198	526	0	2,886	6,107	2,550	0	94,409	23,659	0	1,551	1,023	0	1,113	2,858	1	12,722

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, February 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	22	0	0	0	284	1,004	0	0	0	0	0	2,261	0	14,303
Petroleum Products	6,291	435	0	2,905	5,139	2,216	0	77,508	17,974	0	1,761	649	0	797	27	1	40
Natural Gasoline and Isopentane	0	0	0	0	263	0	0	0	775	0	0	263	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	4	0	0	1,082	1,571	182	0	1,897	7,434	0	0	0	0	0	0	0	0
Unfinished Oils	21	0	0	0	0	0	0	909	99	0	210	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	718	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,356	308	0	1,113	1,663	1,256	0	38,984	5,649	0	690	271	0	529	0	0	0
Finished Leaded Motor Gasoline	2,516	0	0	477	929	734	0	18,195	2,435	0	367	170	0	386	0	0	0
Finished Unleaded Motor Gasoline	1,840	308	0	636	734	515	0	20,789	3,207	0	323	101	0	143	0	0	0
Gasohol	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	17	0	0	0	0	15	0	180	78	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	141	0	0	0	110	0	0	832	0	0	124	0	0	91	0	0	0
Kerosene-Type Jet Fuel	195	0	0	42	73	556	0	7,123	1,397	0	134	8	0	26	0	0	0
Kerosene	180	0	0	3	0	0	0	1,242	112	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,339	0	0	271	595	207	0	19,033	1,232	0	441	107	0	151	0	0	0
Distillate Fuel Oil Less No. 4	1,339	0	0	271	595	207	0	19,004	1,232	0	441	107	0	151	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	141	864	0	0	5,792	0	0	0	0	0	0	26	0	0
Naphtha and Other Oils for Petro. Feed. Use	29	85	0	33	0	0	0	102	130	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	0	0	0	0	226	68	0	0	0	0	0	0	0	0
Lubricants	9	42	0	29	0	0	0	407	134	0	160	0	0	0	0	0	10
Wax	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	0	143	57	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	191	0	0	0	632	79	0	2	0	0	0	1	1	30
Total All Products	6,291	435	0	2,927	5,139	2,216	0	77,792	18,978	0	1,761	649	0	797	2,288	1	14,343

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, March 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	0	0	0	0	402	1,000	0	110	0	0	0	3,282	0	18,778
Petroleum Products	7,249	853	0	2,858	5,312	2,446	0	79,824	17,240	0	2,448	740	0	967	40	0	1,021
Natural Gasoline and Isopentane	0	0	0	0	332	0	0	0	900	0	0	332	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	0	0	956	1,580	117	0	1,441	5,978	0	0	0	0	0	0	0	0
Unfinished Oils	55	0	0	0	0	0	0	1,673	0	0	231	0	0	0	0	0	64
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	687	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,300	262	0	1,079	1,828	1,466	0	44,688	6,121	0	936	237	0	696	21	0	0
Finished Leaded Motor Gasoline	2,918	0	0	485	1,090	810	0	19,883	3,185	0	530	167	0	487	0	0	0
Finished Unleaded Motor Gasoline	2,382	262	0	594	738	656	0	24,805	2,936	0	406	70	0	209	21	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	19	0	404	142	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	141	0	0	0	81	0	0	618	29	0	157	0	0	87	0	0	0
Kerosene-Type Jet Fuel	172	0	0	45	34	594	0	8,485	1,430	0	159	6	0	48	0	0	0
Kerosene	128	0	0	13	0	0	0	1,154	57	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,375	178	0	271	674	250	0	16,444	1,023	0	326	165	0	136	0	0	0
Distillate Fuel Oil Less No. 4	1,375	178	0	271	674	250	0	16,347	1,023	0	326	165	0	136	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	97	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	197	0	133	711	0	0	3,328	84	0	558	0	0	0	19	0	875
Naphtha and Other Oils for Petro. Feed. Use	38	127	0	44	26	0	0	99	45	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	0	0	0	0	277	286	0	0	0	0	0	0	0	0
Lubricants	40	81	0	102	46	0	0	743	221	0	81	0	0	0	0	0	39
Wax	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	57	0	0	0	143	136	0	0	0	0	0	0	0	0
Miscellaneous Products	0	8	0	158	0	0	0	317	101	0	0	0	0	0	0	0	43
Total All Products	7,249	853	0	2,858	5,312	2,446	0	80,226	18,240	0	2,558	740	0	967	3,322	0	19,799

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, April 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	140	0	0	0	581	1,265	0	0	0	0	0	2,592	0	18,785
Petroleum Products	7,266	230	0	2,855	5,167	2,045	0	78,404	16,932	0	2,863	928	0	1,080	42	0	0
Natural Gasoline and Isopentane	0	0	0	0	292	0	0	0	1,049	0	0	292	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	7	0	0	760	1,618	91	0	1,054	5,515	0	0	0	0	0	0	0	0
Unfinished Oils	7	0	0	0	0	0	0	1,074	48	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	853	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,337	0	0	1,353	1,369	1,090	0	46,274	4,630	0	1,224	438	0	691	0	0	0
Finished Leaded Motor Gasoline	2,947	0	0	576	793	602	0	21,384	2,156	0	426	302	0	465	0	0	0
Finished Unleaded Motor Gasoline	2,390	0	0	777	576	481	0	24,890	2,467	0	798	136	0	226	0	0	0
Gasohol	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	15	0	0	0	0	5	0	279	43	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	60	0	0	0	79	0	0	767	0	0	175	20	0	83	0	0	0
Kerosene-Type Jet Fuel	89	0	0	86	23	618	0	7,630	1,946	0	171	0	0	132	0	0	0
Kerosene	53	0	0	10	0	0	0	456	48	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,652	0	0	253	496	241	0	15,304	1,828	0	283	178	0	174	0	0	0
Distillate Fuel Oil Less No. 4	1,652	0	0	253	453	241	0	15,199	1,828	0	283	178	0	174	0	0	0
No. 4 Fuel Oil	0	0	0	0	43	0	0	105	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	148	864	0	0	3,899	229	0	506	0	0	0	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	21	145	0	17	0	0	0	23	93	0	30	0	0	0	0	0	0
Special Naphthas	0	0	0	0	0	0	0	312	154	0	0	0	0	0	0	0	0
Lubricants	25	77	0	27	0	0	0	894	292	0	236	0	0	0	0	0	0
Wax	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	426	0	0	261	153	0	238	0	0	0	0	0	0
Miscellaneous Products	0	8	0	201	0	0	0	172	50	0	0	0	0	0	31	0	0
Total All Products	7,266	230	0	2,995	5,167	2,045	0	78,985	18,197	0	2,863	928	0	1,080	2,634	0	18,785

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, May 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	69	0	32	0	0	0	208	1,126	0	0	0	0	0	1,372	0	17,320
Petroleum Products	7,995	292	0	2,389	5,329	2,253	0	83,583	19,859	0	2,376	1,019	0	975	11	0	88
Natural Gasoline and Isopentane	0	0	0	0	240	0	0	0	971	0	0	240	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	19	23	0	808	1,489	48	0	870	4,544	0	0	0	0	0	0	0	0
Unfinished Oils	0	0	0	0	0	0	0	964	267	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	856	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,630	0	0	889	1,854	1,363	0	47,903	6,372	0	1,189	412	0	678	0	0	0
Finished Leaded Motor Gasoline	3,415	0	0	344	1,075	801	0	22,704	3,397	0	525	286	0	475	0	0	0
Finished Unleaded Motor Gasoline	2,215	0	0	545	779	562	0	25,199	2,975	0	664	126	0	203	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	26	0	151	195	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	143	0	0	0	65	0	0	431	10	0	149	18	0	76	0	0	0
Kerosene-Type Jet Fuel	104	0	0	19	65	588	0	9,340	2,162	0	196	4	0	46	0	0	0
Kerosene	77	0	0	8	0	0	0	464	8	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,957	0	0	285	537	228	0	17,613	3,185	0	436	345	0	175	0	0	0
Distillate Fuel Oil Less No. 4	1,957	0	0	285	537	228	0	17,552	3,185	0	436	345	0	175	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	128	1,010	0	0	4,594	507	0	336	0	0	0	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	55	182	0	37	48	0	0	113	58	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	15	0	0	0	129	137	0	0	0	0	0	0	0	0
Lubricants	10	78	0	58	21	0	0	449	302	0	25	0	0	0	0	0	44
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	20	0	0	0	316	114	0	0	0	0	0	0	0	0
Miscellaneous Products	0	9	0	122	0	0	0	246	169	0	45	0	0	0	0	0	44
Total All Products	7,995	361	0	2,421	5,329	2,253	0	83,791	20,985	0	2,376	1,019	0	975	1,383	0	17,408

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, June 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	0	0	0	0	422	1,481	0	0	0	0	0	3,391	0	15,383
Petroleum Products	8,559	736	116	2,650	5,532	2,262	13	83,082	20,819	0	3,068	1,072	0	1,103	1,128	0	908
Natural Gasoline and Isopentane	0	0	0	0	279	0	0	0	948	0	0	279	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	33	0	746	1,578	51	0	1,085	4,473	0	0	0	0	0	0	0	0
Unfinished Oils	0	244	0	0	0	0	0	45	388	0	181	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	585	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	6,264	108	116	1,134	1,912	1,283	0	51,482	7,760	0	1,275	525	0	774	0	0	0
Finished Leaded Motor Gasoline	3,570	0	0	430	1,022	732	0	24,089	3,767	0	525	350	0	523	0	0	0
Finished Unleaded Motor Gasoline	2,694	108	116	704	890	551	0	27,393	3,993	0	750	175	0	251	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	0	0	20	0	216	166	0	10	0	0	0	0	0	0
Naphtha-Type Jet Fuel	152	0	0	0	58	0	0	848	2	0	178	0	0	98	0	0	0
Kerosene-Type Jet Fuel	115	0	0	34	100	703	0	7,213	1,516	0	337	4	0	72	0	0	0
Kerosene	71	0	0	0	0	0	0	331	106	0	2	0	0	0	0	0	0
Distillate Fuel Oil	1,845	122	0	195	535	205	0	17,490	4,158	0	360	264	0	159	0	0	0
Distillate Fuel Oil Less No. 4	1,845	122	0	195	535	205	0	17,467	4,158	0	360	264	0	159	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	139	995	0	13	2,638	48	0	356	0	0	0	1,128	0	809
Naphtha and Other Oils for Petro. Feed. Use	63	165	0	38	54	0	0	86	25	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	15	0	0	0	420	122	0	0	0	0	0	0	0	0
Lubricants	40	49	0	55	21	0	0	763	108	0	324	0	0	0	0	0	59
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	139	0	0	0	349	291	0	0	0	0	0	0	0	0
Miscellaneous Products	0	15	0	155	0	0	0	116	123	0	45	0	0	0	0	0	40
Total All Products	8,559	736	116	2,650	5,532	2,262	13	83,504	22,300	0	3,068	1,072	0	1,103	4,519	0	16,291

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, July 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	34	0	0	0	0	0	0	422	1,806	0	0	0	0	0	2,197	0	14,564
Petroleum Products	8,808	561	83	2,701	5,304	2,346	0	84,927	25,792	0	3,381	1,223	0	1,139	20	0	40
Natural Gasoline and Isopentane	0	0	0	0	324	0	0	0	1,181	0	0	324	0	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	24	0	833	1,548	60	0	1,779	4,197	0	0	0	0	0	0	0	0
Unfinished Oils	8	0	0	0	0	0	0	287	261	0	190	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	658	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	6,061	429	83	972	1,864	1,396	0	50,878	11,905	0	1,357	514	0	704	0	0	0
Finished Leaded Motor Gasoline	3,449	36	0	441	1,223	814	0	22,899	6,026	0	581	359	0	289	0	0	0
Finished Unleaded Motor Gasoline	2,612	393	83	531	641	582	0	27,979	5,879	0	776	155	0	415	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	25	0	185	199	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	121	0	0	0	61	0	0	663	2	0	172	10	0	92	0	0	0
Kerosene-Type Jet Fuel	123	0	0	106	97	644	0	6,474	1,478	0	281	4	0	55	0	0	0
Kerosene	81	0	0	0	0	0	0	338	135	0	0	0	0	0	0	0	0
Distillate Fuel Oil	2,330	0	0	206	656	221	0	19,781	4,394	0	413	371	0	288	0	0	0
Distillate Fuel Oil Less No. 4	2,330	0	0	206	656	221	0	19,733	4,394	0	413	371	0	288	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	36	0	254	715	0	0	3,090	259	0	924	0	0	0	20	0	40
Naphtha and Other Oils for Petro. Feed. Use	67	48	0	28	19	0	0	82	33	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	15	0	0	0	303	164	0	0	0	0	0	0	0	0
Lubricants	17	20	0	53	20	0	0	397	348	0	44	0	0	0	0	0	0
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	161	0	0	0	483	438	0	0	0	0	0	0	0	0
Miscellaneous Products	0	4	0	73	0	0	0	187	138	0	0	0	0	0	0	0	0
Total All Products	8,842	561	83	2,701	5,304	2,346	0	85,349	27,598	0	3,381	1,223	0	1,139	2,217	0	14,604

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, August 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	0	0	0	0	415	1,197	0	0	0	0	0	2,913	0	14,663
Petroleum Products	7,253	517	0	2,384	5,102	2,450	0	80,203	24,958	0	2,211	1,403	159	1,196	21	0	99
Natural Gasoline and Isopentane	0	0	0	0	363	0	0	0	1,035	0	0	370	22	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	19	0	745	1,709	77	0	2,067	4,345	0	0	43	137	0	0	0	0
Unfinished Oils	8	0	0	0	0	0	0	1,320	31	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	749	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,180	0	0	1,060	1,755	1,495	0	45,081	11,902	0	918	599	0	789	0	0	0
Finished Leaded Motor Gasoline	2,917	0	0	390	1,052	891	0	18,391	6,884	0	519	398	0	527	0	0	0
Finished Unleaded Motor Gasoline	2,263	0	0	670	703	604	0	26,690	5,018	0	399	201	0	262	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	26	0	496	231	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	139	0	0	0	68	0	0	392	50	0	203	20	0	72	0	0	0
Kerosene-Type Jet Fuel	113	0	0	102	54	659	0	8,399	1,944	0	205	4	0	83	0	0	0
Kerosene	10	0	0	20	0	0	0	436	252	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,753	0	0	169	518	193	0	17,001	3,064	0	387	367	0	252	0	0	0
Distillate Fuel Oil Less No. 4	1,753	0	0	169	518	193	0	16,882	3,064	0	387	367	0	252	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	119	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	315	0	106	495	0	0	3,760	384	0	353	0	0	0	21	0	5
Naphtha and Other Oils for Petro. Feed. Use	50	30	0	20	34	0	0	147	91	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	10	0	0	0	275	65	0	0	0	0	0	0	0	0
Lubricants	0	145	0	62	30	0	0	498	267	0	145	0	0	0	0	0	54
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	90	0	0	0	228	441	0	0	0	0	0	0	0	0
Miscellaneous Products	0	8	0	0	76	0	0	103	103	0	0	0	0	0	0	0	40
Total All Products	7,253	517	0	2,384	5,102	2,450	0	80,618	26,155	0	2,211	1,403	159	1,196	2,934	0	14,762

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	0	0	0	0	426	1,295	0	0	0	0	0	1,872	0	15,328
Petroleum Products	8,447	1,365	0	2,637	5,258	2,408	0	82,877	23,749	0	2,013	1,233	136	1,278	37	0	59
Natural Gasoline and Isopentane	0	0	0	0	339	0	0	0	1,139	0	0	355	24	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	68	0	619	1,742	111	0	1,836	5,007	0	0	75	112	0	0	0	0
Unfinished Oils	8	869	0	81	0	0	0	1,301	66	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	509	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,856	0	0	1,203	1,933	1,538	0	46,911	10,445	0	892	489	0	873	0	0	0
Finished Leaded Motor Gasoline	3,163	0	0	471	1,108	878	0	20,192	5,279	0	488	336	0	567	0	0	0
Finished Unleaded Motor Gasoline	2,693	0	0	732	825	660	0	26,719	5,166	0	404	153	0	306	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	15	0	0	0	0	25	0	243	155	0	21	0	0	0	0	0	0
Naphtha-Type Jet Fuel	91	0	0	0	137	0	0	621	0	0	178	33	0	75	0	0	0
Kerosene-Type Jet Fuel	170	0	0	97	53	601	0	8,578	1,594	0	174	4	0	63	0	0	0
Kerosene	17	0	0	0	0	0	0	394	174	0	0	0	0	0	0	0	0
Distillate Fuel Oil	2,261	214	0	296	606	133	0	18,747	3,471	0	381	277	0	267	0	0	0
Distillate Fuel Oil Less No. 4	2,261	214	0	296	606	133	0	18,747	3,471	0	381	277	0	267	0	0	0
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	101	0	167	407	0	0	2,546	231	0	0	0	0	0	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	29	0	0	20	22	0	0	102	68	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	8	0	0	0	246	160	0	0	0	0	0	0	0	0
Lubricants	0	105	0	81	19	0	0	641	235	0	359	0	0	0	0	0	25
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	65	0	0	0	270	400	0	0	0	0	0	0	0	0
Miscellaneous Products	0	8	0	0	0	0	0	441	92	0	8	0	0	0	26	0	34
Total All Products	8,447	1,365	0	2,637	5,258	2,408	0	83,303	25,044	0	2,013	1,233	136	1,278	1,909	0	15,387

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	21	0	0	0	0	0	406	1,252	0	0	0	0	0	3,291	0	18,132
Petroleum Products	7,949	381	0	3,141	6,643	2,530	0	87,399	28,455	0	2,044	1,340	78	963	0	0	385
Natural Gasoline and Isopentane	0	0	0	0	353	0	0	0	839	0	0	382	14	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	35	0	956	2,083	147	0	1,600	7,764	0	0	134	64	0	0	0	0
Unfinished Oils	7	212	0	0	0	0	0	1,473	40	0	0	0	0	0	0	0	356
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	727	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,733	0	0	1,512	1,981	1,614	0	48,327	12,820	0	912	476	0	649	0	0	0
Finished Leaded Motor Gasoline	3,283	0	0	676	1,203	880	0	21,389	6,398	0	568	305	0	479	0	0	0
Finished Unleaded Motor Gasoline	2,450	0	0	836	778	734	0	26,938	6,422	0	344	171	0	170	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	13	0	0	0	0	14	0	174	140	0	40	0	0	0	0	0	0
Naphtha-Type Jet Fuel	99	0	0	20	51	0	0	438	59	0	87	11	0	46	0	0	0
Kerosene-Type Jet Fuel	263	0	0	155	100	631	0	7,902	1,511	0	188	3	0	36	0	0	0
Kerosene	94	0	0	0	0	0	0	788	131	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,678	0	0	151	1,008	124	0	21,781	3,196	0	425	334	0	232	0	0	0
Distillate Fuel Oil Less No. 4	1,678	0	0	151	831	124	0	21,431	3,196	0	425	334	0	232	0	0	0
No. 4 Fuel Oil	0	0	0	0	177	0	0	350	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	101	0	13	995	0	0	3,175	287	0	373	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	62	0	0	43	34	0	0	29	42	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	17	0	0	0	269	106	0	0	0	0	0	0	0	0
Lubricants	0	15	0	65	38	0	0	754	279	0	19	0	0	0	0	0	29
Wax	0	10	0	9	0	0	0	20	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	110	0	0	0	233	385	0	0	0	0	0	0	0	0
Miscellaneous Products	0	8	0	90	0	0	0	436	128	0	0	0	0	0	0	0	0
Total All Products	7,949	402	0	3,141	6,643	2,530	0	87,805	29,707	0	2,044	1,340	78	963	3,291	0	18,517

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 1982 (Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	0	0	0	0	0	0	0	405	1,574	0	0	0	0	0	1,654	0	18,248
Petroleum Products	8,700	528	0	3,504	5,630	2,481	0	94,337	24,914	0	2,426	1,296	81	1,323	0	0	48
Natural Gasoline and Isopentane	0	0	0	0	329	0	0	0	1,212	0	0	352	14	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	23	0	1,018	1,738	148	0	1,686	5,799	0	0	114	67	0	0	0	0
Unfinished Oils	0	351	0	0	0	0	0	1,314	0	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	749	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,544	0	0	1,527	2,029	1,552	0	49,165	11,550	0	973	486	0	861	0	0	0
Finished Leaded Motor Gasoline	3,049	0	0	619	1,132	876	0	22,641	5,615	0	569	366	0	671	0	0	0
Finished Unleaded Motor Gasoline	2,495	0	0	908	897	676	0	26,524	5,935	0	404	120	0	190	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	10	0	0	0	0	9	0	168	120	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	172	0	0	0	68	0	0	715	0	0	221	85	0	107	0	0	0
Kerosene-Type Jet Fuel	233	0	0	126	52	633	0	10,549	2,104	0	177	4	0	51	0	0	0
Kerosene	87	0	0	0	0	0	0	1,310	59	0	0	0	0	0	0	0	0
Distillate Fuel Oil	2,479	0	0	366	891	139	0	24,902	2,311	0	370	255	0	304	0	0	0
Distillate Fuel Oil Less No. 4	2,479	0	0	366	746	139	0	24,559	2,311	0	370	255	0	304	0	0	0
No. 4 Fuel Oil	0	0	0	0	145	0	0	343	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	178	457	0	0	2,681	175	0	475	0	0	0	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	14	0	0	9	23	0	0	54	65	0	0	0	0	0	0	0	10
Special Naphthas	0	0	0	8	0	0	0	195	114	0	0	0	0	0	0	0	0
Lubricants	141	35	0	18	43	0	0	488	240	0	207	0	0	0	0	0	25
Wax	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	102	0	182	0	0	0	310	289	0	0	0	0	0	0	0	0
Miscellaneous Products	20	17	0	72	0	0	0	787	127	0	3	0	0	0	0	0	13
Total All Products	8,700	528	0	3,504	5,630	2,481	0	94,742	26,488	0	2,426	1,296	81	1,323	1,654	0	18,296

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 23. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 1982
(Thousands of Barrels)

Commodity	From I to			From II to				From III to				From IV to			From V to		
	II	III	V	I	III	IV	V	I	II	IV	V	II	III	V	I	II	III
Crude Oil (Tanker and Barge only)	43	0	0	0	0	0	0	423	1,271	0	0	0	0	0	2,750	0	14,071
Petroleum Products	8,433	436	0	2,705	5,517	2,568	0	86,534	27,511	0	2,902	1,200	69	1,300	316	0	40
Natural Gasoline and Isopentane	0	0	0	0	326	0	0	0	1,078	0	0	342	12	0	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	25	0	471	1,938	198	0	2,108	7,147	0	0	77	57	0	0	0	0
Unfinished Oils	28	208	0	0	0	0	0	742	45	0	346	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	0	0	0	914	0	0	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,755	0	0	1,556	2,032	1,471	0	47,214	10,790	0	914	487	0	816	0	0	0
Finished Leaded Motor Gasoline	3,133	0	0	630	1,099	723	0	20,335	4,903	0	521	334	0	550	0	0	0
Finished Unleaded Motor Gasoline	2,622	0	0	926	933	748	0	26,879	5,887	0	393	153	0	266	0	0	0
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	23	0	151	95	0	0	0	0	0	0	0	0
Naphtha-Type Jet Fuel	153	0	0	0	132	0	0	663	0	0	231	75	0	95	0	0	0
Kerosene-Type Jet Fuel	358	0	0	100	90	719	0	8,344	2,114	0	216	8	0	55	0	0	0
Kerosene	73	0	0	2	0	0	0	1,233	99	0	0	0	0	0	0	0	0
Distillate Fuel Oil	1,984	50	0	233	548	157	0	21,777	4,402	0	394	211	0	334	0	0	0
Distillate Fuel Oil Less No. 4	1,984	40	0	233	548	157	0	21,639	4,402	0	394	211	0	334	0	0	0
No. 4 Fuel Oil	0	10	0	0	0	0	0	138	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	108	0	63	394	0	0	2,606	155	0	693	0	0	0	316	0	0
Naphtha and Other Oils for Petro. Feed. Use	18	0	0	28	36	0	0	79	22	0	0	0	0	0	0	0	0
Special Naphthas	0	0	0	15	0	0	0	248	102	0	0	0	0	0	0	0	0
Lubricants	27	37	0	62	21	0	0	554	147	0	108	0	0	0	0	0	20
Wax	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	0	192	341	0	0	0	0	0	0	0	0
Miscellaneous Products	37	8	0	175	0	0	0	616	60	0	0	0	0	0	0	0	20
Total All Products	8,476	436	0	2,705	5,517	2,568	0	86,957	28,782	0	2,902	1,200	69	1,300	3,066	0	14,111

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, January 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	291	0	0	1,174	0	0	291	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	836	1,695	252	2,758	8,392	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	963	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,503	1,216	2,167	1,462	35,787	6,504	0	618	455	0	834
Finished Leaded Motor Gasoline	2,367	547	1,371	874	16,286	3,719	0	346	311	0	607
Finished Unleaded Motor Gasoline	2,136	669	796	588	19,501	2,785	0	272	144	0	227
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	13	8	55	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	0	0	93	2	0	148	10	0	103
Kerosene-Type Jet Fuel	165	39	0	672	5,174	1,404	0	116	6	0	29
Kerosene	95	15	0	0	1,294	87	0	0	0	0	0
Distillate Fuel Oil	1,323	299	499	151	21,450	1,432	0	292	261	0	147
Distillate Fuel Oil Less No. 4	1,323	299	499	151	21,450	1,432	0	292	261	0	147
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	35	0	0	0	0	0
Total	6,086	2,405	4,652	2,550	66,564	20,048	0	1,174	1,023	0	1,113

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, February 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	263	0	0	775	0	0	263	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	12	0	0	0	0	0
Liquefied Petroleum Gases	0	1,082	1,570	182	1,647	7,309	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	718	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	3,291	987	1,663	1,256	29,339	5,043	0	690	271	0	529
Finished Leaded Motor Gasoline	1,966	395	929	734	14,110	2,208	0	367	170	0	386
Finished Unleaded Motor Gasoline	1,325	592	734	515	15,229	2,828	0	323	101	0	143
Gasohol	0	0	0	7	0	7	0	0	0	0	0
Finished Aviation Gasoline	17	0	0	15	33	61	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	110	0	233	0	0	124	0	0	91
Kerosene-Type Jet Fuel	152	39	73	556	4,644	1,152	0	134	8	0	26
Kerosene	32	0	0	0	932	96	0	0	0	0	0
Distillate Fuel Oil	1,047	243	461	207	16,276	989	0	276	107	0	151
Distillate Fuel Oil Less No. 4	1,047	243	461	207	16,276	989	0	276	107	0	151
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	191	0	0	0	54	0	0	0	0	0
Total	4,539	2,542	4,140	2,216	53,104	16,209	0	1,224	649	0	797

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, March 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	332	0	0	900	0	0	332	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	956	1,580	117	1,165	5,921	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	687	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,457	955	1,828	1,466	34,510	5,305	0	936	237	0	696
Finished Leaded Motor Gasoline	2,462	426	1,090	810	15,307	2,924	0	530	167	0	487
Finished Unleaded Motor Gasoline	1,995	529	738	656	19,203	2,381	0	406	70	0	209
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	19	0	117	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	81	0	240	29	0	157	0	0	87
Kerosene-Type Jet Fuel	164	45	34	594	5,142	1,212	0	159	6	0	48
Kerosene	42	13	0	0	897	57	0	0	0	0	0
Distillate Fuel Oil	1,106	246	597	250	13,303	603	0	306	165	0	136
Distillate Fuel Oil Less No. 4	1,106	246	597	250	13,303	603	0	306	165	0	136
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	158	0	0	0	40	0	0	0	0	0
Total	5,769	2,373	4,452	2,446	55,257	14,871	0	1,558	740	0	967

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, April 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	292	0	0	1,049	0	0	292	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	1	0	0	0	0	0
Liquefied Petroleum Gases	0	760	1,618	91	894	5,443	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	853	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,349	1,119	1,369	1,090	35,853	4,054	0	805	438	0	691
Finished Leaded Motor Gasoline	2,341	468	793	602	16,378	1,803	0	426	302	0	465
Finished Unleaded Motor Gasoline	2,008	651	576	481	19,475	2,244	0	379	136	0	226
Gasohol	0	0	0	7	0	7	0	0	0	0	0
Finished Aviation Gasoline	15	0	0	5	37	18	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	79	0	251	0	0	175	20	0	83
Kerosene-Type Jet Fuel	80	63	23	618	5,124	1,561	0	171	0	0	132
Kerosene	6	10	0	0	345	48	0	0	0	0	0
Distillate Fuel Oil	1,279	182	453	241	11,627	1,281	0	283	178	0	174
Distillate Fuel Oil Less No. 4	1,279	182	453	241	11,627	1,281	0	283	178	0	174
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	201	0	0	0	33	0	0	0	0	0
Total	5,729	2,335	3,834	2,045	54,131	14,341	0	1,434	928	0	1,080

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, May 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	240	0	0	971	0	0	240	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	2	0	0	0	0	0
Liquefied Petroleum Gases	0	727	1,463	48	791	4,530	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	856	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,503	735	1,854	1,363	37,967	5,498	0	773	412	0	678
Finished Leaded Motor Gasoline	2,751	277	1,075	801	18,328	2,831	0	437	286	0	475
Finished Unleaded Motor Gasoline	1,752	458	779	562	19,639	2,667	0	336	126	0	203
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	26	6	129	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	65	0	262	10	0	149	18	0	76
Kerosene-Type Jet Fuel	104	0	65	588	5,526	2,007	0	196	4	0	46
Kerosene	0	8	0	0	373	8	0	0	0	0	0
Distillate Fuel Oil	1,362	202	537	228	14,213	2,526	0	436	345	0	175
Distillate Fuel Oil Less No. 4	1,362	202	537	228	14,213	2,526	0	436	345	0	175
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	122	0	0	0	78	0	0	0	0	0
Total	5,969	1,794	4,224	2,253	59,138	16,615	0	1,554	1,019	0	975

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, June 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	279	0	0	948	0	0	279	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	746	1,578	51	942	4,464	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	585	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	5,045	1,044	1,912	1,283	41,746	6,835	0	933	525	0	774
Finished Leaded Motor Gasoline	2,842	396	1,022	732	19,998	3,214	0	525	350	0	523
Finished Unleaded Motor Gasoline	2,203	648	890	551	21,748	3,621	0	408	175	0	251
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	9	0	0	20	34	122	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	58	0	344	2	0	176	0	0	98
Kerosene-Type Jet Fuel	95	0	100	703	4,678	1,346	0	120	4	0	72
Kerosene	6	0	0	0	204	106	0	0	0	0	0
Distillate Fuel Oil	1,221	159	535	205	14,088	3,689	0	360	264	0	159
Distillate Fuel Oil Less No. 4	1,221	159	535	205	14,088	3,689	0	360	264	0	159
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	155	0	0	0	84	0	0	0	0	0
Total	6,376	2,104	4,462	2,262	62,036	18,181	0	1,589	1,072	0	1,103

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, July 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	324	0	0	1,181	0	0	324	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	2	0	0	0	0	0
Liquefied Petroleum Gases	0	833	1,548	60	1,614	4,197	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	0	0	658	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,787	781	1,864	1,396	41,214	10,779	0	864	514	0	704
Finished Leaded Motor Gasoline	2,692	317	1,223	814	18,574	5,529	0	438	359	0	289
Finished Unleaded Motor Gasoline	2,095	464	641	582	22,640	5,250	0	426	155	0	415
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	25	28	139	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	61	0	273	2	0	172	10	0	92
Kerosene-Type Jet Fuel	116	83	97	644	4,353	1,237	0	207	4	0	55
Kerosene	11	0	0	0	269	135	0	0	0	0	0
Distillate Fuel Oil	1,553	169	656	221	15,253	4,036	0	413	371	0	288
Distillate Fuel Oil Less No. 4	1,553	169	656	221	15,253	4,036	0	413	371	0	288
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	73	0	0	0	81	0	0	0	0	0
Total	6,467	1,939	4,550	2,346	63,004	22,447	0	1,656	1,223	0	1,139

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, August 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	363	0	0	1,035	0	0	370	22	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	4	0	0	0	0	0
Liquefied Petroleum Gases	0	745	1,709	77	1,854	4,345	0	0	43	137	0
Motor Gasoline Blending Components	0	0	0	0	0	749	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	3,891	849	1,755	1,495	35,033	10,992	0	918	599	0	789
Finished Leaded Motor Gasoline	2,174	337	1,052	891	14,414	6,392	0	519	398	0	527
Finished Unleaded Motor Gasoline	1,717	512	703	604	20,619	4,600	0	399	201	0	262
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	26	0	185	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	68	0	313	50	0	203	20	0	72
Kerosene-Type Jet Fuel	29	76	54	659	5,592	1,817	0	205	4	0	83
Kerosene	0	0	0	0	205	252	0	0	0	0	0
Distillate Fuel Oil	1,080	151	518	193	14,160	2,733	0	387	367	0	252
Distillate Fuel Oil Less No. 4	1,080	151	518	193	14,160	2,733	0	387	367	0	252
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	80	0	0	0	0	0
Total	5,000	1,821	4,467	2,450	57,157	22,242	0	1,713	1,403	159	1,196

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, September 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	339	0	0	1,139	0	0	355	24	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	3	0	0	0	0	0
Liquefied Petroleum Gases	0	619	1,742	111	1,430	5,007	0	0	75	112	0
Motor Gasoline Blending Components	0	0	0	0	0	509	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,534	1,051	1,913	1,538	36,167	9,668	0	892	489	0	873
Finished Leaded Motor Gasoline	2,549	404	1,088	878	15,654	4,749	0	488	336	0	567
Finished Unleaded Motor Gasoline	1,985	647	825	660	20,513	4,919	0	404	153	0	306
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	15	0	0	25	26	136	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	137	0	351	0	0	178	33	0	75
Kerosene-Type Jet Fuel	107	53	53	601	5,702	1,506	0	174	4	0	63
Kerosene	6	0	0	0	258	174	0	0	0	0	0
Distillate Fuel Oil	1,327	247	606	133	14,957	3,022	0	381	277	0	267
Distillate Fuel Oil Less No. 4	1,327	247	606	133	14,957	3,022	0	381	277	0	267
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	75	0	0	0	0	0
Total	5,989	1,970	4,790	2,408	58,891	21,239	0	1,625	1,233	136	1,278

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, October 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	353	0	0	839	0	0	382	14	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	1	0	0	0	0	0
Liquefied Petroleum Gases	0	956	2,083	147	1,421	7,764	0	0	134	64	0
Motor Gasoline Blending Components	0	0	0	0	0	727	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,335	1,270	1,978	1,614	39,499	11,833	0	912	476	0	649
Finished Leaded Motor Gasoline	2,555	510	1,200	880	17,294	5,912	0	568	305	0	479
Finished Unleaded Motor Gasoline	1,780	760	778	734	22,205	5,921	0	344	171	0	170
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	13	0	0	14	39	105	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	51	0	199	1	0	87	11	0	46
Kerosene-Type Jet Fuel	181	102	100	631	5,547	980	0	188	3	0	36
Kerosene	57	0	0	0	737	131	0	0	0	0	0
Distillate Fuel Oil	1,107	132	831	124	17,817	2,442	0	425	334	0	232
Distillate Fuel Oil Less No. 4	1,107	132	831	124	17,817	2,442	0	425	334	0	232
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	90	0	0	0	61	0	0	0	0	0
Total	5,693	2,550	5,396	2,530	65,259	24,884	0	1,612	1,340	78	963

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, November 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	329	0	0	1,212	0	0	352	14	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	1,018	1,738	148	1,463	5,799	0	0	114	67	0
Motor Gasoline Blending Components	0	0	0	0	0	749	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,268	1,295	2,009	1,552	37,539	10,907	0	973	486	0	861
Finished Leaded Motor Gasoline	2,323	534	1,112	876	17,760	5,312	0	569	366	0	671
Finished Unleaded Motor Gasoline	1,945	761	897	676	19,779	5,595	0	404	120	0	190
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	10	0	0	9	28	87	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	68	0	256	0	0	221	85	0	107
Kerosene-Type Jet Fuel	143	119	52	633	6,840	1,833	0	177	4	0	51
Kerosene	54	0	0	0	836	59	0	0	0	0	0
Distillate Fuel Oil	1,673	327	746	139	19,826	1,804	0	370	255	0	304
Distillate Fuel Oil Less No. 4	1,673	327	746	139	19,826	1,804	0	370	255	0	304
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	72	0	0	0	32	0	0	0	0	0
Total	6,148	2,831	4,942	2,481	66,788	22,482	0	1,741	1,296	81	1,323

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 24. Movements of Petroleum Products by Pipeline Between PAD Districts, December 1982 (Thousands of Barrels)

Commodity	From I to	From II to			From III to				From IV to		
	II	I	III	IV	I	II	IV	V	II	III	V
Natural Gasoline and Isopentane	0	0	326	0	0	1,078	0	0	342	12	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	0	471	1,938	198	1,925	7,147	0	0	77	57	0
Motor Gasoline Blending Components	0	0	0	0	0	914	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	4,226	1,365	2,032	1,471	37,416	10,026	0	914	487	0	816
Finished Leaded Motor Gasoline	2,364	558	1,099	723	16,289	4,548	0	521	334	0	550
Finished Unleaded Motor Gasoline	1,862	807	933	748	21,127	5,478	0	393	153	0	266
Gasohol	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	0	0	0	23	17	89	0	0	0	0	0
Naphtha-Type Jet Fuel	0	0	132	0	194	0	0	231	75	0	95
Kerosene-Type Jet Fuel	213	93	90	719	5,795	1,851	0	216	8	0	55
Kerosene	43	0	0	0	887	99	0	0	0	0	0
Distillate Fuel Oil	1,318	199	530	157	18,289	4,070	0	394	211	0	334
Distillate Fuel Oil Less No. 4	1,318	199	530	157	18,289	4,070	0	394	211	0	334
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Products	0	175	0	0	0	29	0	0	0	0	0
Total	5,800	2,303	5,048	2,568	64,523	25,303	0	1,755	1,200	69	1,300

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-89, "Pipeline Products Report."

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	108	0	0	412	0	412	0	1,208	0	2,838	0	12,710
Petroleum Products	2,112	526	0	373	1,455	0	27,433	3,435	5,168	18,830	2,403	377	20	1	12
Liquefied Petroleum Gases	0	0	0	7	3	0	333	0	0	333	136	0	0	0	0
Unfinished Oils	15	0	0	0	0	0	27	0	0	27	178	0	0	0	0
Finished Motor Gasoline	1,349	0	0	145	53	0	10,184	135	205	9,844	688	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	137	10	0	127	11	0	0	0	0
Naphtha-Type Jet Fuel	74	0	0	0	0	0	669	0	0	669	0	0	0	0	0
Kerosene-Type Jet Fuel	63	0	0	4	0	0	3,155	265	360	2,530	254	0	0	0	0
Kerosene	107	0	0	3	0	0	270	0	175	95	13	0	0	0	0
Distillate Fuel Oil	447	145	0	28	0	0	4,104	1,516	674	1,914	269	0	0	0	0
Residual Fuel Oil	0	261	0	115	1,338	0	6,633	1,450	2,430	2,753	208	259	0	0	12
Naphtha and Other Oils for Petro. Feed. Use	18	41	0	18	51	0	123	0	13	110	112	0	0	0	0
Special Naphthas	0	0	0	6	0	0	193	28	124	41	174	0	0	0	0
Lubricants	39	79	0	47	10	0	662	21	476	165	220	118	0	0	0
Wax	0	0	0	0	0	0	23	0	23	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	210	0	0	210	100	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	710	10	688	12	40	0	20	1	0
Total	2,112	526	0	481	1,455	0	27,845	3,435	5,580	18,830	3,611	377	2,858	1	12,722

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	22	0	0	284	0	284	0	1,004	0	2,261	0	14,303
Petroleum Products	1,752	435	0	363	999	0	24,404	2,488	4,609	17,307	1,765	537	27	1	40
Liquefied Petroleum Gases	4	0	0	0	1	0	250	0	25	225	125	0	0	0	0
Unfinished Oils	21	0	0	0	0	0	909	0	889	20	99	210	0	0	0
Finished Motor Gasoline	1,065	308	0	126	0	0	9,645	64	410	9,171	606	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	147	31	52	64	17	0	0	0	0
Naphtha-Type Jet Fuel	141	0	0	0	0	0	599	0	0	599	0	0	0	0	0
Kerosene-Type Jet Fuel	43	0	0	3	0	0	2,479	268	228	1,983	245	0	0	0	0
Kerosene	148	0	0	3	0	0	310	60	48	202	16	0	0	0	0
Distillate Fuel Oil	292	0	0	28	134	0	2,757	195	632	1,930	243	165	0	0	0
Residual Fuel Oil	0	0	0	141	864	0	5,792	1,829	1,329	2,634	0	0	26	0	0
Naphtha and Other Oils for Petro. Feed. Use	29	85	0	33	0	0	102	0	22	80	130	0	0	0	0
Special Naphthas	0	0	0	0	0	0	226	24	121	81	68	0	0	0	0
Lubricants	9	42	0	29	0	0	407	5	294	108	134	160	0	0	10
Wax	0	0	0	0	0	0	6	0	6	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	143	0	0	143	57	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	632	12	553	67	25	2	1	1	30
Total	1,752	435	0	385	999	0	24,688	2,488	4,893	17,307	2,769	537	2,288	1	14,343

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	0	0	0	402	0	402	0	1,000	110	3,282	0	18,778
Petroleum Products	1,480	853	0	485	860	0	24,567	2,096	4,851	17,620	2,369	890	40	0	1,021
Liquefied Petroleum Gases	0	0	0	0	0	0	276	0	0	276	57	0	0	0	0
Unfinished Oils	55	0	0	0	0	0	1,673	220	1,402	51	0	231	0	0	64
Finished Motor Gasoline	843	262	0	124	0	0	10,178	383	458	9,337	816	0	21	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	404	0	217	187	25	0	0	0	0
Naphtha-Type Jet Fuel	141	0	0	0	0	0	378	13	0	365	0	0	0	0	0
Kerosene-Type Jet Fuel	8	0	0	0	0	0	3,343	151	480	2,712	218	0	0	0	0
Kerosene	86	0	0	0	0	0	257	0	242	15	0	0	0	0	0
Distillate Fuel Oil	269	178	0	25	77	0	3,141	530	625	1,986	420	20	0	0	0
Residual Fuel Oil	0	197	0	133	711	0	3,328	722	550	2,056	84	558	19	0	875
Naphtha and Other Oils for Petro. Feed. Use	38	127	0	44	26	0	99	0	22	77	45	0	0	0	0
Special Naphthas	0	0	0	0	0	0	277	33	155	89	286	0	0	0	0
Lubricants	40	81	0	102	46	0	743	34	505	204	221	81	0	0	39
Wax	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	57	0	0	143	0	0	143	136	0	0	0	0
Miscellaneous Products	0	8	0	0	0	0	317	10	185	122	61	0	0	0	43
Total	1,480	853	0	485	860	0	24,969	2,096	5,253	17,620	3,369	1,000	3,322	0	19,799

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	140	0	0	581	0	581	0	1,265	0	2,592	0	18,785
Petroleum Products	1,537	230	0	520	1,333	0	24,273	1,489	4,703	18,081	2,591	1,429	42	0	0
Liquefied Petroleum Gases	7	0	0	0	0	0	160	0	0	160	72	0	0	0	0
Unfinished Oils	7	0	0	0	0	0	1,074	0	1,047	27	48	0	0	0	0
Finished Motor Gasoline	988	0	0	234	0	0	10,421	215	143	10,063	576	419	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	242	27	66	149	25	0	0	0	0
Naphtha-Type Jet Fuel	60	0	0	0	0	0	516	11	0	505	0	0	0	0	0
Kerosene-Type Jet Fuel	9	0	0	23	0	0	2,506	413	246	1,847	385	0	0	0	0
Kerosene	47	0	0	0	0	0	111	20	79	12	0	0	0	0	0
Distillate Fuel Oil	373	0	0	71	43	0	3,677	418	920	2,339	547	0	0	0	0
Residual Fuel Oil	0	0	0	148	864	0	3,899	380	1,223	2,296	229	506	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	21	145	0	17	0	0	23	0	13	10	93	30	0	0	0
Special Naphthas	0	0	0	0	0	0	312	0	175	137	154	0	0	0	0
Lubricants	25	77	0	27	0	0	894	5	615	274	292	236	0	0	0
Wax	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	426	0	261	0	23	238	153	238	0	0	0
Miscellaneous Products	0	8	0	0	0	0	172	0	148	24	17	0	31	0	0
Total	1,537	230	0	660	1,333	0	24,854	1,489	5,284	18,081	3,856	1,429	2,634	0	18,785

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May 1982
(Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	69	0	32	0	0	208	0	208	0	1,126	0	1,372	0	17,320
Petroleum Products	2,026	292	0	595	1,105	0	24,445	1,503	3,785	19,157	3,244	822	11	0	88
Liquefied Petroleum Gases	19	23	0	81	26	0	79	0	0	79	14	0	0	0	0
Unfinished Oils	0	0	0	0	0	0	964	0	920	44	267	0	0	0	0
Finished Motor Gasoline	1,127	0	0	154	0	0	9,936	360	416	9,160	874	416	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	145	12	15	118	66	0	0	0	0
Naphtha-Type Jet Fuel	143	0	0	0	0	0	169	0	0	169	0	0	0	0	0
Kerosene-Type Jet Fuel	0	0	0	19	0	0	3,814	425	590	2,799	155	0	0	0	0
Kerosene	77	0	0	0	0	0	91	0	91	0	0	0	0	0	0
Distillate Fuel Oil	595	0	0	83	0	0	3,400	323	260	2,817	659	0	0	0	0
Residual Fuel Oil	0	0	0	128	1,010	0	4,594	371	970	3,253	507	336	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	55	182	0	37	48	0	113	0	36	77	58	0	0	0	0
Special Naphthas	0	0	0	15	0	0	129	0	45	84	137	0	0	0	0
Lubricants	10	78	0	58	21	0	449	12	290	147	302	25	0	0	44
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	20	0	0	316	0	9	307	114	0	0	0	0
Miscellaneous Products	0	9	0	0	0	0	246	0	143	103	91	45	0	0	44
Total	2,026	361	0	627	1,105	0	24,653	1,503	3,993	19,157	4,370	822	1,383	0	17,408

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 1982
(Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	0	0	0	422	0	422	0	1,481	0	3,391	0	15,383
Petroleum Products	2,183	736	116	546	1,070	13	21,046	1,185	2,948	16,913	2,638	1,479	1,128	0	908
Liquefied Petroleum Gases	0	33	0	0	0	0	143	0	0	143	9	0	0	0	0
Unfinished Oils	0	244	0	0	0	0	45	0	25	20	388	181	0	0	0
Finished Motor Gasoline	1,219	108	116	90	0	0	9,736	392	693	8,651	925	342	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	182	21	76	85	44	10	0	0	0
Naphtha-Type Jet Fuel	152	0	0	0	0	0	504	10	0	494	0	2	0	0	0
Kerosene-Type Jet Fuel	20	0	0	34	0	0	2,535	390	401	1,744	170	217	0	0	0
Kerosene	65	0	0	0	0	0	127	42	85	0	0	2	0	0	0
Distillate Fuel Oil	624	122	0	36	0	0	3,402	244	546	2,612	469	0	0	0	0
Residual Fuel Oil	0	0	0	139	995	13	2,638	0	213	2,425	48	356	1,128	0	809
Naphtha and Other Oils for Petro. Feed. Use	63	165	0	38	54	0	86	0	50	36	25	0	0	0	0
Special Naphthas	0	0	0	15	0	0	420	63	271	86	122	0	0	0	0
Lubricants	40	49	0	55	21	0	763	7	517	239	108	324	0	0	59
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	139	0	0	349	0	8	341	291	0	0	0	0
Miscellaneous Products	0	15	0	0	0	0	116	16	63	37	39	45	0	0	40
Total	2,183	736	116	546	1,070	13	21,468	1,185	3,370	16,913	4,119	1,479	4,519	0	16,291

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	34	0	0	0	0	0	422	0	422	0	1,806	0	2,197	0	14,564
Petroleum Products	2,341	561	83	762	754	0	21,923	1,107	3,275	17,541	3,345	1,725	20	0	40
Liquefied Petroleum Gases	0	24	0	0	0	0	165	0	0	165	0	0	0	0	0
Unfinished Oils	8	0	0	0	0	0	287	0	263	24	261	190	0	0	0
Finished Motor Gasoline	1,274	429	83	191	0	0	9,664	251	55	9,358	1,126	493	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	157	37	44	76	60	0	0	0	0
Naphtha-Type Jet Fuel	121	0	0	0	0	0	390	0	0	390	0	0	0	0	0
Kerosene-Type Jet Fuel	7	0	0	23	0	0	2,121	474	281	1,366	241	74	0	0	0
Kerosene	70	0	0	0	0	0	69	0	69	0	0	0	0	0	0
Distillate Fuel Oil	777	0	0	37	0	0	4,528	285	1,070	3,173	358	0	0	0	0
Residual Fuel Oil	0	36	0	254	715	0	3,090	60	582	2,448	259	924	20	0	40
Naphtha and Other Oils for Petro. Feed. Use	67	48	0	28	19	0	82	0	82	0	33	0	0	0	0
Special Naphthas	0	0	0	15	0	0	303	0	121	182	164	0	0	0	0
Lubricants	17	20	0	53	20	0	397	0	330	67	348	44	0	0	0
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	161	0	0	483	0	249	234	438	0	0	0	0
Miscellaneous Products	0	4	0	0	0	0	187	0	129	58	57	0	0	0	0
Total	2,375	561	83	762	754	0	22,345	1,107	3,697	17,541	5,151	1,725	2,217	0	14,604

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	0	0	0	415	0	415	0	1,197	0	2,913	0	14,663
Petroleum Products	2,253	517	0	563	635	0	23,046	1,230	5,633	16,183	2,716	498	21	0	99
Liquefied Petroleum Gases	0	19	0	0	0	0	213	0	0	213	0	0	0	0	0
Unfinished Oils	8	0	0	0	0	0	1,320	0	1,320	0	31	0	0	0	0
Finished Motor Gasoline	1,289	0	0	211	0	0	10,048	154	1,322	8,572	910	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	496	33	34	429	46	0	0	0	0
Naphtha-Type Jet Fuel	139	0	0	0	0	0	79	0	0	79	0	0	0	0	0
Kerosene-Type Jet Fuel	84	0	0	26	0	0	2,807	597	212	1,998	127	0	0	0	0
Kerosene	10	0	0	20	0	0	231	113	94	24	0	0	0	0	0
Distillate Fuel Oil	673	0	0	18	0	0	2,841	78	593	2,170	331	0	0	0	0
Residual Fuel Oil	0	315	0	106	495	0	3,760	216	1,336	2,208	384	353	21	0	5
Naphtha and Other Oils for Petro. Feed. Use	50	30	0	20	34	0	147	0	84	63	91	0	0	0	0
Special Naphthas	0	0	0	10	0	0	275	24	167	84	65	0	0	0	0
Lubricants	0	145	0	62	30	0	498	6	384	108	267	145	0	0	54
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	90	0	0	228	0	8	220	441	0	0	0	0
Miscellaneous Products	0	8	0	0	76	0	103	9	79	15	23	0	0	0	40
Total	2,253	517	0	563	635	0	23,461	1,230	6,048	16,183	3,913	498	2,934	0	14,762

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	0	0	0	426	0	426	0	1,295	0	1,872	0	15,328
Petroleum Products	2,458	1,365	0	667	468	0	23,986	2,396	4,175	17,415	2,510	388	37	0	59
Liquefied Petroleum Gases	0	68	0	0	0	0	406	0	0	406	0	0	0	0	0
Unfinished Oils	8	869	0	81	0	0	1,301	0	1,184	117	66	0	0	0	0
Finished Motor Gasoline	1,322	0	0	152	20	0	10,744	694	607	9,443	777	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	217	41	37	139	19	21	0	0	0
Naphtha-Type Jet Fuel	91	0	0	0	0	0	270	5	0	265	0	0	0	0	0
Kerosene-Type Jet Fuel	63	0	0	44	0	0	2,876	377	145	2,354	88	0	0	0	0
Kerosene	11	0	0	0	0	0	136	0	90	46	0	0	0	0	0
Distillate Fuel Oil	934	214	0	49	0	0	3,790	1,050	289	2,451	449	0	0	0	0
Residual Fuel Oil	0	101	0	167	407	0	2,546	166	788	1,592	231	0	11	0	0
Naphtha and Other Oils for Petro. Feed. Use	29	0	0	20	22	0	102	0	11	91	68	0	0	0	0
Special Naphthas	0	0	0	8	0	0	246	21	174	51	160	0	0	0	0
Lubricants	0	105	0	81	19	0	641	30	410	201	235	359	0	0	25
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	65	0	0	270	0	37	233	400	0	0	0	0
Miscellaneous Products	0	8	0	0	0	0	441	12	403	26	17	8	26	0	34
Total	2,458	1,365	0	667	468	0	24,412	2,396	4,601	17,415	3,805	388	1,909	0	15,387

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	21	0	0	0	0	406	0	406	0	1,252	0	3,291	0	18,132
Petroleum Products	2,256	381	0	591	1,247	0	22,140	2,335	5,529	14,276	3,571	432	0	0	385
Liquefied Petroleum Gases	0	35	0	0	0	0	179	0	0	179	0	0	0	0	0
Unfinished Oils	7	212	0	0	0	0	1,473	0	1,431	42	40	0	0	0	356
Finished Motor Gasoline	1,398	0	0	242	3	0	8,828	783	557	7,488	987	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	135	22	10	103	35	40	0	0	0
Naphtha-Type Jet Fuel	99	0	0	20	0	0	239	7	0	232	58	0	0	0	0
Kerosene-Type Jet Fuel	82	0	0	53	0	0	2,355	193	616	1,546	531	0	0	0	0
Kerosene	37	0	0	0	0	0	51	0	28	23	0	0	0	0	0
Distillate Fuel Oil	571	0	0	19	177	0	3,964	610	1,199	2,155	754	0	0	0	0
Residual Fuel Oil	0	101	0	13	995	0	3,175	684	590	1,901	287	373	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	62	0	0	43	34	0	29	0	20	9	42	0	0	0	0
Special Naphthas	0	0	0	17	0	0	269	32	167	70	106	0	0	0	0
Lubricants	0	15	0	65	38	0	754	0	531	223	279	19	0	0	29
Wax	0	10	0	9	0	0	20	0	0	20	0	0	0	0	0
Asphalt and Road Oil	0	0	0	110	0	0	233	0	8	225	385	0	0	0	0
Miscellaneous Products	0	8	0	0	0	0	436	4	372	60	67	0	0	0	0
Total	2,256	402	0	591	1,247	0	22,546	2,335	5,935	14,276	4,823	432	3,291	0	18,517

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	0	0	0	0	0	0	405	0	405	0	1,574	0	1,654	0	18,248
Petroleum Products	2,552	528	0	673	688	0	27,549	3,350	7,068	17,131	2,432	685	0	0	48
Liquefied Petroleum Gases	0	23	0	0	0	0	223	0	0	223	0	0	0	0	0
Unfinished Oils	0	351	0	0	0	0	1,314	0	1,292	22	0	0	0	0	0
Finished Motor Gasoline	1,276	0	0	232	20	0	11,626	967	542	10,117	643	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	140	14	42	84	33	0	0	0	0
Naphtha-Type Jet Fuel	172	0	0	0	0	0	459	0	195	264	0	0	0	0	0
Kerosene-Type Jet Fuel	90	0	0	7	0	0	3,709	229	958	2,522	271	0	0	0	0
Kerosene	33	0	0	0	0	0	474	0	243	231	0	0	0	0	0
Distillate Fuel Oil	806	0	0	39	145	0	5,076	1,258	1,491	2,327	507	0	0	0	0
Residual Fuel Oil	0	0	0	178	457	0	2,681	882	1,145	654	175	475	0	0	0
Naphtha and Other Oils for Petro. Feed. Use	14	0	0	9	23	0	54	0	22	32	65	0	0	0	10
Special Naphthas	0	0	0	8	0	0	195	0	76	119	114	0	0	0	0
Lubricants	141	35	0	18	43	0	488	0	384	104	240	207	0	0	25
Wax	0	0	0	0	0	0	13	0	13	0	0	0	0	0	0
Asphalt and Road Oil	0	102	0	182	0	0	310	0	9	301	289	0	0	0	0
Miscellaneous Products	20	17	0	0	0	0	787	0	656	131	95	3	0	0	13
Total	2,552	528	0	673	688	0	27,954	3,350	7,473	17,131	4,006	685	1,654	0	18,296

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 25. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 1982 (Thousands of Barrels)

Commodity	From I to			From II to			From III to						From V to		
	II	III	V	I	III	V	I	New Eng	Cent Atl	Low Atl	II	V	I	II	III
Crude Oil	43	0	0	0	0	0	423	0	423	0	1,271	0	2,750	0	14,071
Petroleum Products	2,633	436	0	402	469	0	22,011	2,673	5,148	14,190	2,208	1,147	316	0	40
Liquefied Petroleum Gases	0	25	0	0	0	0	183	0	0	183	0	0	0	0	0
Unfinished Oils	28	208	0	0	0	0	742	57	685	0	45	346	0	0	0
Finished Motor Gasoline	1,529	0	0	191	0	0	9,798	746	453	8,599	764	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	134	19	54	61	6	0	0	0	0
Naphtha-Type Jet Fuel	153	0	0	0	0	0	469	11	134	324	0	0	0	0	0
Kerosene-Type Jet Fuel	145	0	0	7	0	0	2,549	220	412	1,917	263	0	0	0	0
Kerosene	30	0	0	2	0	0	346	0	216	130	0	0	0	0	0
Distillate Fuel Oil	666	50	0	34	18	0	3,488	698	1,032	1,758	332	0	0	0	0
Residual Fuel Oil	0	108	0	63	394	0	2,606	875	981	750	155	693	316	0	0
Naphtha and Other Oils for Petro. Feed. Use	18	0	0	28	36	0	79	0	50	29	22	0	0	0	0
Special Naphthas	0	0	0	15	0	0	248	30	161	57	102	0	0	0	0
Lubricants	27	37	0	62	21	0	554	7	372	175	147	108	0	0	20
Wax	0	0	0	0	0	0	7	0	7	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	0	0	0	192	0	0	192	341	0	0	0	0
Miscellaneous Products	37	8	0	0	0	0	616	10	591	15	31	0	0	0	20
Total	2,676	436	0	402	469	0	22,434	2,673	5,571	14,190	3,479	1,147	3,066	0	14,111

Note: Totals may not equal sum of components due to independent rounding.
Source: Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, January 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,358	0	3,358	1,208	108	1,100	12,710	1,620	11,090	0	0	0	0	15,548	-15,548
Petroleum Products	96,795	8,724	88,071	31,673	11,435	20,238	6,645	117,999	-111,354	2,550	2,136	414	2,664	33	2,631
Natural Gasoline and Isopentane	0	0	0	1,465	291	1,174	291	1,174	-883	0	291	-291	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	3,934	0	3,934	8,528	2,793	5,735	1,698	11,619	-9,921	252	0	252	0	0	0
Unfinished Oils	27	15	12	193	0	193	0	205	-205	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	963	0	963	0	963	-963	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	47,332	5,852	41,480	13,499	5,043	8,456	2,220	53,781	-51,561	1,462	1,289	173	1,452	0	1,452
Finished Leaded Motor Gasoline	21,532	2,994	18,538	7,409	2,896	4,513	1,411	25,371	-23,960	874	918	-44	953	0	953
Finished Unleaded Motor Gasoline	25,800	2,858	22,942	6,090	2,147	3,943	809	28,410	-27,601	588	371	217	499	0	499
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	145	0	145	66	13	53	0	211	-211	13	0	13	0	0	0
Naphtha-Type Jet Fuel	762	74	688	86	0	86	0	912	-912	0	113	-113	251	0	251
Kerosene-Type Jet Fuel	8,372	228	8,144	1,892	715	1,177	0	10,103	-10,103	672	35	637	145	0	145
Kerosene	1,582	202	1,380	302	18	284	0	1,664	-1,664	0	0	0	0	0	0
Distillate Fuel Oil	25,881	1,915	23,966	3,732	977	2,755	644	27,547	-26,903	151	408	-257	439	0	439
Distillate Fuel Oil Less No. 4	25,751	1,915	23,836	3,732	977	2,755	644	27,417	-26,773	151	408	-257	439	0	439
No. 4 Fuel Oil	130	0	130	0	0	0	0	130	-130	0	0	0	0	0	0
Residual Fuel Oil	6,748	261	6,487	208	1,453	-1,245	1,611	7,100	-5,489	0	0	0	259	12	247
Naphtha and Other Oils for Petro. Feedstock Use	141	59	82	130	69	61	92	235	-143	0	0	0	0	0	0
Special Naphthas	199	0	199	174	6	168	0	367	-367	0	0	0	0	0	0
Lubricants	709	118	591	259	57	202	89	1,000	-911	0	0	0	118	0	118
Wax	23	0	23	0	0	0	0	23	-23	0	0	0	0	0	0
Asphalt and Road Oil	210	0	210	100	0	100	0	310	-310	0	0	0	0	0	0
Miscellaneous Products	730	0	730	76	0	76	0	785	-785	0	0	0	0	21	-21
Total All Products	100,153	8,724	91,429	32,881	11,543	21,338	19,355	119,619	-100,264	2,550	2,136	414	2,664	15,581	-12,917

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, February 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,567	0	2,567	1,004	22	982	14,303	1,288	13,015	0	0	0	0	16,564	-16,564
Petroleum Products	80,440	6,726	73,714	24,915	10,260	14,655	5,614	97,243	-91,629	2,216	1,446	770	2,558	68	2,490
Natural Gasoline and Isopentane	0	0	0	1,038	263	775	263	775	-512	0	263	-263	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	12	0	12	0	12	-12	0	0	0	0	0	0
Liquefied Petroleum Gases	2,979	4	2,975	7,438	2,835	4,603	1,571	9,331	-7,760	182	0	182	0	0	0
Unfinished Oils	909	21	888	120	0	120	0	1,218	-1,218	0	0	0	210	0	210
Motor Gasoline Blending Components	0	0	0	718	0	718	0	718	-718	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	40,097	4,664	35,433	10,276	4,032	6,244	1,971	45,323	-43,352	1,256	800	456	1,219	0	1,219
Finished Leaded Motor Gasoline	18,672	2,516	16,156	5,121	2,140	2,981	929	20,997	-20,068	734	556	178	753	0	753
Finished Unleaded Motor Gasoline	21,425	2,148	19,277	5,148	1,885	3,263	1,042	24,319	-23,277	515	244	271	466	0	466
Gasohol	0	0	0	7	7	0	0	7	-7	7	0	7	0	0	0
Finished Aviation Gasoline	180	17	163	95	15	80	0	258	-258	15	0	15	0	0	0
Naphtha-Type Jet Fuel	832	141	691	141	110	31	110	956	-846	0	91	-91	215	0	215
Kerosene-Type Jet Fuel	7,165	195	6,970	1,600	671	929	73	8,654	-8,581	556	34	522	160	0	160
Kerosene	1,245	180	1,065	292	3	289	0	1,354	-1,354	0	0	0	0	0	0
Distillate Fuel Oil	19,304	1,339	17,965	2,678	1,073	1,605	595	20,706	-20,111	207	258	-51	592	0	592
Distillate Fuel Oil Less No. 4	19,275	1,339	17,936	2,678	1,073	1,605	595	20,677	-20,082	207	258	-51	592	0	592
No. 4 Fuel Oil	29	0	29	0	0	0	0	29	-29	0	0	0	0	0	0
Residual Fuel Oil	5,959	0	5,959	0	1,005	-1,005	864	5,792	-4,928	0	0	0	0	26	-26
Naphtha and Other Oils for Petro. Feedstock Use	135	114	21	159	33	126	85	232	-147	0	0	0	0	0	0
Special Naphthas	226	0	226	68	0	68	0	294	-294	0	0	0	0	0	0
Lubricants	436	51	385	143	29	114	52	701	-649	0	0	0	160	10	150
Wax	6	0	6	0	0	0	0	6	-6	0	0	0	0	0	0
Asphalt and Road Oil	143	0	143	57	0	57	0	200	-200	0	0	0	0	0	0
Miscellaneous Products	824	0	824	80	191	-111	30	713	-683	0	0	0	2	32	-30
Total All Products	83,007	6,726	76,281	25,919	10,282	15,637	19,917	98,531	-78,614	2,216	1,446	770	2,558	16,632	-14,074

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, March 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,684	0	3,684	1,000	0	1,000	18,778	1,512	17,266	0	0	0	110	22,060	-21,950
Petroleum Products	82,722	8,102	74,620	25,229	10,616	14,613	7,186	99,512	-92,326	2,446	1,707	739	3,415	1,061	2,354
Natural Gasoline and Isopentane	0	0	0	1,232	332	900	332	900	-568	0	332	-332	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	2,397	0	2,397	5,978	2,653	3,325	1,580	7,419	-5,839	117	0	117	0	0	0
Unfinished Oils	1,673	55	1,618	55	0	55	64	1,904	-1,840	0	0	0	231	64	167
Motor Gasoline Blending Components	0	0	0	687	0	687	0	687	-687	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	45,788	5,562	40,226	11,658	4,373	7,285	2,090	51,745	-49,655	1,466	933	533	1,632	21	1,611
Finished Leaded Motor Gasoline	20,368	2,918	17,450	6,270	2,385	3,885	1,090	23,598	-22,508	810	654	156	1,017	0	1,017
Finished Unleaded Motor Gasoline	25,420	2,644	22,776	5,388	1,988	3,400	1,000	28,147	-27,147	656	279	377	615	21	594
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	404	0	404	142	19	123	0	546	-546	19	0	19	0	0	0
Naphtha-Type Jet Fuel	618	141	477	170	81	89	81	804	-723	0	87	-87	244	0	244
Kerosene-Type Jet Fuel	8,530	172	8,358	1,608	673	935	34	10,074	-10,040	594	54	540	207	0	207
Kerosene	1,167	128	1,039	185	13	172	0	1,211	-1,211	0	0	0	0	0	0
Distillate Fuel Oil	16,715	1,553	15,162	2,563	1,195	1,368	852	17,793	-16,941	250	301	-51	462	0	462
Distillate Fuel Oil Less No. 4	16,618	1,553	15,065	2,563	1,195	1,368	852	17,696	-16,844	250	301	-51	462	0	462
No. 4 Fuel Oil	97	0	97	0	0	0	0	97	-97	0	0	0	0	0	0
Residual Fuel Oil	3,480	197	3,283	84	844	-760	1,783	3,970	-2,187	0	0	0	558	894	-336
Naphtha and Other Oils for Petro. Feedstock Use	143	165	-22	83	70	13	153	144	9	0	0	0	0	0	0
Special Naphthas	277	0	277	286	0	286	0	563	-563	0	0	0	0	0	0
Lubricants	845	121	724	261	148	113	166	1,045	-879	0	0	0	81	39	42
Wax	10	0	10	0	0	0	0	10	-10	0	0	0	0	0	0
Asphalt and Road Oil	200	0	200	136	57	79	0	279	-279	0	0	0	0	0	0
Miscellaneous Products	475	8	467	101	158	-57	51	418	-367	0	0	0	0	43	-43
Total All Products	86,406	8,102	78,304	26,229	10,616	15,613	25,964	101,024	-75,060	2,446	1,707	739	3,525	23,121	-19,596

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, April 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,313	0	3,313	1,265	140	1,125	18,785	1,846	16,939	0	0	0	0	21,377	-21,377
Petroleum Products	81,301	7,496	73,805	25,126	10,067	15,059	5,397	98,199	-92,802	2,045	2,008	37	3,943	42	3,901
Natural Gasoline and Isopentane	0	0	0	1,341	292	1,049	292	1,049	-757	0	292	-292	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	1	0	1	0	1	-1	0	0	0	0	0	0
Liquefied Petroleum Gases	1,814	7	1,807	5,522	2,469	3,053	1,618	6,569	-4,951	91	0	91	0	0	0
Unfinished Oils	1,074	7	1,067	55	0	55	0	1,122	-1,122	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	853	0	853	0	853	-853	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	47,627	5,337	42,290	10,405	3,812	6,593	1,369	52,128	-50,759	1,090	1,129	-39	1,915	0	1,915
Finished Leaded Motor Gasoline	21,960	2,947	19,013	5,405	1,971	3,434	793	23,966	-23,173	602	767	-165	891	0	891
Finished Unleaded Motor Gasoline	25,667	2,390	23,277	4,993	1,834	3,159	576	28,155	-27,579	481	362	119	1,024	0	1,024
Gasohol	0	0	0	7	7	0	0	7	-7	7	0	7	0	0	0
Finished Aviation Gasoline	279	15	264	58	5	53	0	322	-322	5	0	5	0	0	0
Naphtha-Type Jet Fuel	767	60	707	80	79	1	79	942	-863	0	103	-103	258	0	258
Kerosene-Type Jet Fuel	7,716	89	7,627	2,035	727	1,308	23	9,747	-9,724	618	132	486	303	0	303
Kerosene	466	53	413	101	10	91	0	504	-504	0	0	0	0	0	0
Distillate Fuel Oil	15,557	1,652	13,905	3,658	990	2,668	496	17,415	-16,919	241	352	-111	457	0	457
Distillate Fuel Oil Less No. 4	15,452	1,652	13,800	3,658	947	2,711	453	17,310	-16,857	241	352	-111	457	0	457
No. 4 Fuel Oil	105	0	105	0	43	-43	43	105	-62	0	0	0	0	0	0
Residual Fuel Oil	4,058	0	4,058	229	1,012	-783	864	4,634	-3,770	0	0	0	506	11	495
Naphtha and Other Oils for Petro. Feedstock Use	40	166	-126	114	17	97	145	146	-1	0	0	0	30	0	30
Special Naphthas	312	0	312	154	0	154	0	466	-466	0	0	0	0	0	0
Lubricants	921	102	819	317	27	290	77	1,422	-1,345	0	0	0	236	0	236
Wax	5	0	5	0	0	0	0	5	-5	0	0	0	0	0	0
Asphalt and Road Oil	261	0	261	153	426	-273	426	652	-226	0	0	0	238	0	238
Miscellaneous Products	404	8	396	50	201	-151	8	222	-214	0	0	0	0	31	-31
Total All Products	84,614	7,496	77,118	26,391	10,207	16,184	24,182	100,045	-75,863	2,045	2,008	37	3,943	21,419	-17,476

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, May 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	1,612	69	1,543	1,126	32	1,094	17,389	1,334	16,055	0	0	0	0	18,692	-18,692
Petroleum Products	85,983	8,287	77,696	28,873	9,971	18,902	5,709	105,818	-100,109	2,253	1,994	259	3,351	99	3,252
Natural Gasoline and Isopentane	0	0	0	1,211	240	971	240	971	-731	0	240	-240	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	2	0	2	0	2	-2	0	0	0	0	0	0
Liquefied Petroleum Gases	1,678	42	1,636	4,563	2,345	2,218	1,512	5,414	-3,902	48	0	48	0	0	0
Unfinished Oils	964	0	964	267	0	267	0	1,231	-1,231	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	856	0	856	0	856	-856	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	48,792	5,630	43,162	12,414	4,106	8,308	1,854	55,464	-53,610	1,363	1,090	273	1,867	0	1,867
Finished Leaded Motor Gasoline	23,048	3,415	19,633	7,098	2,220	4,878	1,075	26,626	-25,551	801	761	40	1,000	0	1,000
Finished Unleaded Motor Gasoline	25,744	2,215	23,529	5,316	1,886	3,430	779	28,838	-28,059	562	329	233	867	0	867
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	151	0	151	195	26	169	0	346	-346	26	0	26	0	0	0
Naphtha-Type Jet Fuel	431	143	288	171	65	106	65	590	-525	0	94	-94	225	0	225
Kerosene-Type Jet Fuel	9,359	104	9,255	2,270	672	1,598	65	11,698	-11,633	588	50	538	242	0	242
Kerosene	472	77	395	85	8	77	0	472	-472	0	0	0	0	0	0
Distillate Fuel Oil	17,898	1,957	15,941	5,487	1,050	4,437	537	21,234	-20,697	228	520	-292	611	0	611
Distillate Fuel Oil Less No. 4	17,837	1,957	15,880	5,487	1,050	4,437	537	21,173	-20,636	228	520	-292	611	0	611
No. 4 Fuel Oil	61	0	61	0	0	0	0	61	-61	0	0	0	0	0	0
Residual Fuel Oil	4,733	0	4,733	507	1,138	-631	1,010	5,437	-4,427	0	0	0	336	11	325
Naphtha and Other Oils for Petro. Feedstock Use	150	237	-87	113	85	28	230	171	59	0	0	0	0	0	0
Special Naphthas	144	0	144	137	15	122	0	266	-266	0	0	0	0	0	0
Lubricants	507	88	419	312	79	233	143	776	-633	0	0	0	25	44	-19
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	336	0	336	114	20	94	0	430	-430	0	0	0	0	0	0
Miscellaneous Products	368	9	359	169	122	47	53	460	-407	0	0	0	45	44	1
Total All Products	87,595	8,356	79,239	29,999	10,003	19,996	23,098	107,152	-84,054	2,253	1,994	259	3,351	18,791	-15,440

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, June 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,813	0	3,813	1,481	0	1,481	15,383	1,903	13,480	0	0	0	0	18,774	-18,774
Petroleum Products	86,860	9,411	77,449	30,450	10,457	19,993	7,176	106,969	-99,793	2,262	2,175	87	4,300	2,036	2,264
Natural Gasoline and Isopentane	0	0	0	1,227	279	948	279	948	-669	0	279	-279	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	1,831	33	1,798	4,473	2,375	2,098	1,611	5,558	-3,947	51	0	51	0	0	0
Unfinished Oils	45	244	-199	388	0	388	244	614	-370	0	0	0	181	0	181
Motor Gasoline Blending Components	0	0	0	585	0	585	0	585	-585	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	52,616	6,488	46,128	14,549	4,329	10,220	2,020	60,517	-58,497	1,283	1,299	-16	2,165	0	2,165
Finished Leaded Motor Gasoline	24,519	3,570	20,949	7,687	2,184	5,503	1,022	28,381	-27,359	732	873	-141	1,048	0	1,048
Finished Unleaded Motor Gasoline	28,097	2,918	25,179	6,862	2,145	4,717	998	32,136	-31,138	551	426	125	1,117	0	1,117
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	216	9	207	175	20	155	0	392	-392	20	0	20	10	0	10
Naphtha-Type Jet Fuel	848	152	696	154	58	96	58	1,028	-970	0	98	-98	276	0	276
Kerosene-Type Jet Fuel	7,247	115	7,132	1,635	837	798	100	9,066	-8,966	703	76	627	409	0	409
Kerosene	331	71	260	177	0	177	0	439	-439	0	0	0	2	0	2
Distillate Fuel Oil	17,685	1,967	15,718	6,267	935	5,332	657	22,008	-21,351	205	423	-218	519	0	519
Distillate Fuel Oil Less No. 4	17,662	1,967	15,695	6,267	935	5,332	657	21,985	-21,328	205	423	-218	519	0	519
No. 4 Fuel Oil	23	0	23	0	0	0	0	23	-23	0	0	0	0	0	0
Residual Fuel Oil	3,905	0	3,905	48	1,147	-1,099	1,804	3,042	-1,238	0	0	0	369	1,937	-1,568
Naphtha and Other Oils for Petro. Feedstock Use	124	228	-104	88	92	-4	219	111	108	0	0	0	0	0	0
Special Naphthas	435	0	435	122	15	107	0	542	-542	0	0	0	0	0	0
Lubricants	818	89	729	148	76	72	129	1,195	-1,066	0	0	0	324	59	265
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	488	0	488	291	139	152	0	640	-640	0	0	0	0	0	0
Miscellaneous Products	271	15	256	123	155	-32	55	284	-229	0	0	0	45	40	5
Total All Products	90,673	9,411	81,262	31,931	10,457	21,474	22,559	108,872	-86,313	2,262	2,175	87	4,300	20,810	-16,510

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, July 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,619	34	2,585	1,840	0	1,840	14,564	2,228	12,336	0	0	0	0	16,761	-16,761
Petroleum Products	87,648	9,452	78,196	35,823	10,351	25,472	5,905	114,100	-108,195	2,346	2,362	-16	4,603	60	4,543
Natural Gasoline and Isopentane	0	0	0	1,505	324	1,181	324	1,181	-857	0	324	-324	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	2	0	2	0	2	-2	0	0	0	0	0	0
Liquefied Petroleum Gases	2,612	24	2,588	4,197	2,441	1,756	1,572	5,976	-4,404	60	0	60	0	0	0
Unfinished Oils	287	8	279	269	0	269	0	738	-738	0	0	0	190	0	190
Motor Gasoline Blending Components	0	0	0	658	0	658	0	658	-658	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	51,850	6,573	45,277	18,480	4,232	14,248	2,293	64,140	-61,847	1,396	1,218	178	2,144	0	2,144
Finished Leaded Motor Gasoline	23,340	3,485	19,855	9,834	2,478	7,356	1,259	29,506	-28,247	814	648	166	870	0	870
Finished Unleaded Motor Gasoline	28,510	3,088	25,422	8,646	1,754	6,892	1,034	34,634	-33,600	582	570	12	1,274	0	1,274
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	185	0	185	199	25	174	0	384	-384	25	0	25	0	0	0
Naphtha-Type Jet Fuel	663	121	542	133	61	72	61	837	-776	0	102	-102	264	0	264
Kerosene-Type Jet Fuel	6,580	123	6,457	1,605	847	758	97	8,233	-8,136	644	59	585	336	0	336
Kerosene	338	81	257	216	0	216	0	473	-473	0	0	0	0	0	0
Distillate Fuel Oil	19,987	2,330	17,657	7,095	1,083	6,012	656	24,588	-23,932	221	659	-438	701	0	701
Distillate Fuel Oil Less No. 4	19,939	2,330	17,609	7,095	1,083	6,012	656	24,540	-23,884	221	659	-438	701	0	701
No. 4 Fuel Oil	48	0	48	0	0	0	0	48	-48	0	0	0	0	0	0
Residual Fuel Oil	3,364	36	3,328	259	969	-710	791	4,273	-3,482	0	0	0	924	60	864
Naphtha and Other Oils for Petro. Feedstock Use	110	115	-5	100	47	53	67	115	-48	0	0	0	0	0	0
Special Naphthas	318	0	318	164	15	149	0	467	-467	0	0	0	0	0	0
Lubricants	450	37	413	365	73	292	40	789	-749	0	0	0	44	0	44
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	644	0	644	438	161	277	0	921	-921	0	0	0	0	0	0
Miscellaneous Products	260	4	256	138	73	65	4	325	-321	0	0	0	0	0	0
Total All Products	90,267	9,486	80,781	37,663	10,351	27,312	20,469	116,328	-95,859	2,346	2,362	-16	4,603	16,821	-12,218

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, August 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,328	0	3,328	1,197	0	1,197	14,663	1,612	13,051	0	0	0	0	17,576	-17,576
Petroleum Products	82,608	7,770	74,838	33,614	9,936	23,678	5,877	107,372	-101,495	2,450	2,758	-308	3,407	120	3,287
Natural Gasoline and Isopentane	0	0	0	1,405	363	1,042	385	1,035	-650	0	392	-392	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	4	0	4	0	4	-4	0	0	0	0	0	0
Liquefied Petroleum Gases	2,812	19	2,793	4,388	2,531	1,857	1,865	6,412	-4,547	77	180	-103	0	0	0
Unfinished Oils	1,320	8	1,312	39	0	39	0	1,351	-1,351	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	749	0	749	0	749	-749	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	46,141	5,180	40,961	17,681	4,310	13,371	1,755	57,901	-56,146	1,495	1,388	107	1,707	0	1,707
Finished Leaded Motor Gasoline	18,781	2,917	15,864	10,199	2,333	7,866	1,052	25,794	-24,742	891	925	-34	1,046	0	1,046
Finished Unleaded Motor Gasoline	27,360	2,263	25,097	7,482	1,977	5,505	703	32,107	-31,404	604	463	141	661	0	661
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	496	0	496	231	26	205	0	727	-727	26	0	26	0	0	0
Naphtha-Type Jet Fuel	392	139	253	209	68	141	68	645	-577	0	92	-92	275	0	275
Kerosene-Type Jet Fuel	8,501	113	8,388	2,061	815	1,246	54	10,548	-10,494	659	87	572	288	0	288
Kerosene	456	10	446	262	20	242	0	688	-688	0	0	0	0	0	0
Distillate Fuel Oil	17,170	1,753	15,417	5,184	880	4,304	518	20,452	-19,934	193	619	-426	639	0	639
Distillate Fuel Oil Less No. 4	17,051	1,753	15,298	5,184	880	4,304	518	20,333	-19,815	193	619	-426	639	0	639
No. 4 Fuel Oil	119	0	119	0	0	0	0	119	-119	0	0	0	0	0	0
Residual Fuel Oil	3,887	315	3,572	384	601	-217	815	4,497	-3,682	0	0	0	353	26	327
Naphtha and Other Oils for Petro. Feedstock Use	167	80	87	141	54	87	64	238	-174	0	0	0	0	0	0
Special Naphthas	285	0	285	65	10	55	0	340	-340	0	0	0	0	0	0
Lubricants	560	145	415	267	92	175	229	910	-681	0	0	0	145	54	91
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	318	0	318	441	90	351	0	669	-669	0	0	0	0	0	0
Miscellaneous Products	103	8	95	103	76	27	124	206	-82	0	0	0	0	40	-40
Total All Products	85,936	7,770	78,166	34,811	9,936	24,875	20,540	108,984	-88,444	2,450	2,758	-308	3,407	17,696	-14,289

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, September 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,298	0	2,298	1,295	0	1,295	15,328	1,721	13,607	0	0	0	0	17,200	-17,200
Petroleum Products	85,551	9,812	75,739	33,429	10,303	23,126	6,818	108,639	-101,821	2,408	2,647	-239	3,291	96	3,195
Natural Gasoline and Isopentane	0	0	0	1,494	339	1,155	363	1,139	-776	0	379	-379	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	3	0	3	0	3	-3	0	0	0	0	0	0
Liquefied Petroleum Gases	2,455	68	2,387	5,082	2,472	2,610	1,922	6,843	-4,921	111	187	-76	0	0	0
Unfinished Oils	1,382	877	505	74	81	-7	869	1,367	-498	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	509	0	509	0	509	-509	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	48,114	5,856	42,258	16,790	4,674	12,116	1,933	58,248	-56,315	1,538	1,362	176	1,765	0	1,765
Finished Leaded Motor Gasoline	20,663	3,163	17,500	8,778	2,457	6,321	1,108	25,959	-24,851	878	903	-25	1,055	0	1,055
Finished Unleaded Motor Gasoline	27,451	2,693	24,758	8,012	2,217	5,795	825	32,289	-31,464	660	459	201	710	0	710
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	243	15	228	170	25	145	0	419	-419	25	0	25	21	0	21
Naphtha-Type Jet Fuel	621	91	530	124	137	-13	137	799	-662	0	108	-108	253	0	253
Kerosene-Type Jet Fuel	8,675	170	8,505	1,768	751	1,017	53	10,346	-10,293	601	67	534	237	0	237
Kerosene	394	17	377	191	0	191	0	568	-568	0	0	0	0	0	0
Distillate Fuel Oil	19,043	2,475	16,568	6,009	1,035	4,974	820	22,599	-21,779	133	544	-411	648	0	648
Distillate Fuel Oil Less No. 4	19,043	2,475	16,568	6,009	1,035	4,974	820	22,599	-21,779	133	544	-411	648	0	648
No. 4 Fuel Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residual Fuel Oil	2,724	101	2,623	231	574	-343	508	2,777	-2,269	0	0	0	0	11	-11
Naphtha and Other Oils for Petro. Feedstock Use	122	29	93	97	42	55	22	170	-148	0	0	0	0	0	0
Special Naphthas	254	0	254	160	8	152	0	406	-406	0	0	0	0	0	0
Lubricants	722	105	617	235	100	135	149	1,235	-1,086	0	0	0	359	25	334
Wax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	335	0	335	400	65	335	0	670	-670	0	0	0	0	0	0
Miscellaneous Products	467	8	459	92	0	92	42	541	-499	0	0	0	8	60	-52
Total All Products	87,849	9,812	78,037	34,724	10,303	24,421	22,146	110,360	-88,214	2,408	2,647	-239	3,291	17,296	-14,005

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, October 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,697	21	3,676	1,252	0	1,252	18,153	1,658	16,495	0	0	0	0	21,423	-21,423
Petroleum Products	90,540	8,330	82,210	37,744	12,314	25,430	7,487	117,898	-110,411	2,530	2,381	149	3,007	385	2,622
Natural Gasoline and Isopentane	0	0	0	1,221	353	868	367	839	-472	0	396	-396	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	1	0	1	0	1	-1	0	0	0	0	0	0
Liquefied Petroleum Gases	2,556	35	2,521	7,898	3,186	4,712	2,182	9,364	-7,182	147	198	-51	0	0	0
Unfinished Oils	1,473	219	1,254	47	0	47	568	1,513	-945	0	0	0	0	356	-356
Motor Gasoline Blending Components	0	0	0	727	0	727	0	727	-727	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	49,839	5,733	44,106	19,029	5,107	13,922	1,981	62,059	-60,078	1,614	1,125	489	1,561	0	1,561
Finished Leaded Motor Gasoline	22,065	3,283	18,782	9,986	2,759	7,227	1,203	28,355	-27,152	880	784	96	1,047	0	1,047
Finished Unleaded Motor Gasoline	27,774	2,450	25,324	9,043	2,348	6,695	778	33,704	-32,926	734	341	393	514	0	514
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	174	13	161	153	14	139	0	354	-354	14	0	14	40	0	40
Naphtha-Type Jet Fuel	458	99	359	169	71	98	51	584	-533	0	57	-57	133	0	133
Kerosene-Type Jet Fuel	8,057	263	7,794	1,777	886	891	100	9,601	-9,501	631	39	592	224	0	224
Kerosene	788	94	694	225	0	225	0	919	-919	0	0	0	0	0	0
Distillate Fuel Oil	21,932	1,678	20,254	5,208	1,283	3,925	1,008	25,402	-24,394	124	566	-442	657	0	657
Distillate Fuel Oil Less No. 4	21,582	1,678	19,904	5,208	1,106	4,102	831	25,052	-24,221	124	566	-442	657	0	657
No. 4 Fuel Oil	350	0	350	0	177	-177	177	350	-173	0	0	0	0	0	0
Residual Fuel Oil	3,188	101	3,087	287	1,008	-721	1,096	3,835	-2,739	0	0	0	373	0	373
Naphtha and Other Oils for Petro. Feedstock Use	72	62	10	104	77	27	34	71	-37	0	0	0	0	0	0
Special Naphthas	286	0	286	106	17	89	0	375	-375	0	0	0	0	0	0
Lubricants	819	15	804	279	103	176	82	1,052	-970	0	0	0	19	29	-10
Wax	29	10	19	0	9	-9	10	20	-10	0	0	0	0	0	0
Asphalt and Road Oil	343	0	343	385	110	275	0	618	-618	0	0	0	0	0	0
Miscellaneous Products	526	8	518	128	90	38	8	564	-556	0	0	0	0	0	0
Total All Products	94,237	8,351	85,886	38,996	12,314	26,682	25,640	119,556	-93,916	2,530	2,381	149	3,007	21,808	-18,801

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, November 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	2,059	0	2,059	1,574	0	1,574	18,248	1,979	16,269	0	0	0	0	19,902	-19,902
Petroleum Products	97,841	9,228	88,613	34,910	11,615	23,295	6,287	121,677	-115,390	2,481	2,700	-219	3,749	48	3,701
Natural Gasoline and Isopentane	0	0	0	1,564	329	1,235	343	1,212	-869	0	366	-366	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	2,704	23	2,681	5,913	2,904	3,009	1,828	7,485	-5,657	148	181	-33	0	0	0
Unfinished Oils	1,314	351	963	0	0	0	351	1,314	-963	0	0	0	0	0	0
Motor Gasoline Blending Components	0	0	0	749	0	749	0	749	-749	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	50,692	5,544	45,148	17,580	5,108	12,472	2,029	61,688	-59,659	1,552	1,347	205	1,834	0	1,834
Finished Leaded Motor Gasoline	23,260	3,049	20,211	9,030	2,627	6,403	1,132	28,825	-27,693	876	1,037	-161	1,240	0	1,240
Finished Unleaded Motor Gasoline	27,432	2,495	24,937	8,550	2,481	6,069	897	32,863	-31,966	676	310	366	594	0	594
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	168	10	158	130	9	121	0	288	-288	9	0	9	0	0	0
Naphtha-Type Jet Fuel	715	172	543	257	68	189	68	936	-868	0	192	-192	328	0	328
Kerosene-Type Jet Fuel	10,675	233	10,442	2,341	811	1,530	52	12,830	-12,778	633	55	578	228	0	228
Kerosene	1,310	87	1,223	146	0	146	0	1,369	-1,369	0	0	0	0	0	0
Distillate Fuel Oil	25,268	2,479	22,789	5,045	1,396	3,649	891	27,583	-26,692	139	559	-420	674	0	674
Distillate Fuel Oil Less No. 4	24,925	2,479	22,446	5,045	1,251	3,794	746	27,240	-26,494	139	559	-420	674	0	674
No. 4 Fuel Oil	343	0	343	0	145	-145	145	343	-198	0	0	0	0	0	0
Residual Fuel Oil	2,859	0	2,859	175	635	-460	457	3,331	-2,874	0	0	0	475	0	475
Naphtha and Other Oils for Petro. Feedstock Use	63	14	49	79	32	47	33	119	-86	0	0	0	0	10	-10
Special Naphthas	203	0	203	114	8	106	0	309	-309	0	0	0	0	0	0
Lubricants	506	176	330	381	61	320	103	935	-832	0	0	0	207	25	182
Wax	13	0	13	0	0	0	0	13	-13	0	0	0	0	0	0
Asphalt and Road Oil	492	102	390	289	182	107	102	599	-497	0	0	0	0	0	0
Miscellaneous Products	859	37	822	147	72	75	30	917	-887	0	0	0	3	13	-10
Total All Products	99,900	9,228	90,672	36,484	11,615	24,869	24,535	123,656	-99,121	2,481	2,700	-219	3,749	19,950	-16,201

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 26. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker and Barge Between PAD Districts, December 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II			PAD District III			PAD District IV			PAD District V		
	Receipts into PADD I	Shipments from PADD I	Net Receipts PADD I	Receipts into PADD II	Shipments from PADD II	Net Receipts PADD II	Receipts into PADD III	Shipments from PADD III	Net Receipts PADD III	Receipts into PADD IV	Shipments from PADD IV	Net Receipts PADD IV	Receipts into PADD V	Shipments from PADD V	Net Receipts PADD V
Crude Oil	3,173	43	3,130	1,314	0	1,314	14,071	1,694	12,377	0	0	0	0	16,821	-16,821
Petroleum Products	89,555	8,869	80,686	37,144	10,790	26,354	6,062	116,947	-110,885	2,568	2,569	-1	4,202	356	3,846
Natural Gasoline and Isopentane	0	0	0	1,420	326	1,094	338	1,078	-740	0	354	-354	0	0	0
Unfractionated Stream	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Condensate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liquefied Petroleum Gases	2,579	25	2,554	7,224	2,607	4,617	2,020	9,255	-7,235	198	134	64	0	0	0
Unfinished Oils	742	236	506	73	0	73	208	1,133	-925	0	0	0	346	0	346
Motor Gasoline Blending Components	0	0	0	914	0	914	0	914	-914	0	0	0	0	0	0
Aviation Gasoline Blending Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	48,770	5,755	43,015	17,032	5,059	11,973	2,032	58,918	-56,886	1,471	1,303	168	1,730	0	1,730
Finished Leaded Motor Gasoline	20,965	3,133	17,832	8,370	2,452	5,918	1,099	25,759	-24,660	723	884	-161	1,071	0	1,071
Finished Unleaded Motor Gasoline	27,805	2,622	25,183	8,662	2,607	6,055	933	33,159	-32,226	748	419	329	659	0	659
Gasohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finished Aviation Gasoline	151	0	151	95	23	72	0	246	-246	23	0	23	0	0	0
Naphtha-Type Jet Fuel	663	153	510	228	132	96	132	894	-762	0	170	-170	326	0	326
Kerosene-Type Jet Fuel	8,444	358	8,086	2,480	909	1,571	90	10,674	-10,584	719	63	656	271	0	271
Kerosene	1,235	73	1,162	172	2	170	0	1,332	-1,332	0	0	0	0	0	0
Distillate Fuel Oil	22,010	2,034	19,976	6,597	938	5,659	598	26,573	-25,975	157	545	-388	728	0	728
Distillate Fuel Oil Less No. 4	21,872	2,024	19,848	6,597	938	5,659	588	26,435	-25,847	157	545	-388	728	0	728
No. 4 Fuel Oil	138	10	128	0	0	0	10	138	-128	0	0	0	0	0	0
Residual Fuel Oil	2,985	108	2,877	155	457	-302	502	3,454	-2,952	0	0	0	693	316	377
Naphtha and Other Oils for Petro. Feedstock Use	107	18	89	40	64	-24	36	101	-65	0	0	0	0	0	0
Special Naphthas	263	0	263	102	15	87	0	350	-350	0	0	0	0	0	0
Lubricants	616	64	552	174	83	91	78	809	-731	0	0	0	108	20	88
Wax	7	0	7	0	0	0	0	7	-7	0	0	0	0	0	0
Asphalt and Road Oil	192	0	192	341	0	341	0	533	-533	0	0	0	0	0	0
Miscellaneous Products	791	45	746	97	175	-78	28	676	-648	0	0	0	0	20	-20
Total All Products	92,728	8,912	83,816	38,458	10,790	27,668	20,133	118,641	-98,508	2,568	2,569	-1	4,202	17,177	-12,975

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-89, "Pipeline Products Report"; Form EIA-170, "Tanker and Barge Shipments of Crude Oil and Petroleum Products Between P.A.D. Districts".

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, January 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	37	37	0	36	0	0	36	9	310	12	69	231	631	29	77	810
0.00 to 0.30% Sulfur	0	2	2	0	2	0	0	2	0	250	-16	2	0	236	0	0	240
0.31 to 0.50% Sulfur	0	0	0	0	6	0	0	6	-13	0	0	0	0	-13	29	-2	20
0.51 to 1.00% Sulfur	0	0	0	0	28	0	0	28	4	60	0	2	231	297	0	45	370
1.01 to 2.00% Sulfur	0	35	35	0	0	0	0	0	18	0	0	0	0	18	0	17	70
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	28	65	0	93	0	17	110
Residual Fuel Oil	5,918	363	6,281	176	3,085	363	754	4,378	889	7,276	7,032	459	145	15,801	555	11,265	38,280
0.00 to 0.30% Sulfur	349	27	376	0	2	0	0	2	99	326	26	107	48	606	5	850	1,839
0.31 to 0.50% Sulfur	1,947	11	1,958	0	68	2	89	159	128	674	54	117	1	974	126	1,728	4,945
0.51 to 1.00% Sulfur	651	0	651	176	854	0	300	1,330	495	1,577	1,269	146	8	3,495	99	1,701	7,276
1.01 to 2.00% Sulfur	132	325	457	0	1,059	241	173	1,473	144	-283	1,077	15	88	1,041	124	6,586	9,681
Greater Than 2.00% Sulfur	2,839	0	2,839	0	1,102	120	192	1,414	23	4,982	4,606	74	0	9,685	201	400	14,539

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, February 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	20	20	0	35	0	0	35	35	307	80	42	191	655	30	80	820
0.00 to 0.30% Sulfur	0	3	3	0	1	0	0	1	0	307	17	4	0	328	0	0	332
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	23	0	0	0	0	23	28	3	54
0.51 to 1.00% Sulfur	0	0	0	0	34	0	0	34	0	0	0	2	191	193	0	42	269
1.01 to 2.00% Sulfur	0	17	17	0	0	0	0	0	12	0	0	0	0	12	2	10	41
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	63	36	0	99	0	25	124
Residual Fuel Oil	5,029	250	5,279	133	2,275	410	657	3,475	974	5,892	5,218	403	130	12,617	401	11,423	33,195
0.00 to 0.30% Sulfur	61	25	86	0	2	0	0	2	148	356	19	99	42	664	-30	703	1,425
0.31 to 0.50% Sulfur	1,401	94	1,495	0	40	0	82	122	172	374	35	87	0	668	131	2,795	5,211
0.51 to 1.00% Sulfur	573	0	573	133	907	0	255	1,295	517	893	958	131	6	2,505	82	844	5,299
1.01 to 2.00% Sulfur	543	131	674	0	579	136	161	876	124	220	1,032	11	82	1,469	81	6,396	9,496
Greater Than 2.00% Sulfur	2,451	0	2,451	0	747	274	159	1,180	13	4,049	3,174	75	0	7,311	137	685	11,764

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, March 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	13	13	0	21	0	0	21	5	405	-314	53	228	377	28	73	512
0.00 to 0.30% Sulfur	0	0	0	0	1	0	0	1	0	333	-54	4	0	283	0	0	284
0.31 to 0.50% Sulfur	0	0	0	0	2	0	0	2	0	0	0	0	0	0	28	0	30
0.51 to 1.00% Sulfur	0	0	0	0	18	0	0	18	4	72	0	2	228	306	0	27	351
1.01 to 2.00% Sulfur	0	13	13	0	0	0	0	0	1	0	0	0	0	1	0	11	25
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	-260	47	0	-213	0	35	-178
Residual Fuel Oil	5,184	204	5,388	119	2,357	247	815	3,538	1,007	6,226	5,802	482	148	13,665	312	11,918	34,821
0.00 to 0.30% Sulfur	472	30	502	0	0	0	0	0	107	447	25	113	59	751	8	435	1,696
0.31 to 0.50% Sulfur	1,514	80	1,594	0	49	3	102	154	128	53	38	109	9	337	128	2,251	4,464
0.51 to 1.00% Sulfur	999	0	999	119	1,037	0	351	1,507	640	1,401	964	161	5	3,171	76	1,251	7,004
1.01 to 2.00% Sulfur	152	94	246	0	671	76	170	917	123	123	496	15	75	832	-38	7,425	9,382
Greater Than 2.00% Sulfur	2,047	0	2,047	0	600	168	192	960	9	4,202	4,279	84	0	8,574	138	556	12,275

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, April 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	10	10	0	9	0	0	9	10	387	-111	58	187	531	28	61	639
0.00 to 0.30% Sulfur	0	2	2	0	0	0	0	0	0	310	47	0	0	357	0	0	359
0.31 to 0.50% Sulfur	0	0	0	0	2	0	0	2	4	0	0	0	0	4	28	0	34
0.51 to 1.00% Sulfur	0	0	0	0	7	0	0	7	5	77	0	2	187	271	0	26	304
1.01 to 2.00% Sulfur	0	8	8	0	0	0	0	0	1	0	0	0	0	1	0	4	13
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	-158	56	0	-102	0	31	-71
Residual Fuel Oil	4,544	129	4,673	95	2,242	267	709	3,313	778	6,973	6,786	395	107	15,039	340	11,614	34,979
0.00 to 0.30% Sulfur	509	25	534	0	0	0	0	0	81	381	27	101	47	637	28	289	1,488
0.31 to 0.50% Sulfur	1,598	51	1,649	0	37	0	111	148	98	149	30	101	0	378	116	1,239	3,530
0.51 to 1.00% Sulfur	919	0	919	95	1,095	0	386	1,576	480	1,572	961	114	5	3,132	63	1,475	7,165
1.01 to 2.00% Sulfur	86	53	139	0	703	102	114	919	114	555	726	18	55	1,468	28	8,134	10,688
Greater Than 2.00% Sulfur	1,432	0	1,432	0	407	165	98	670	5	4,316	5,042	61	0	9,424	105	477	12,108

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, May 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	10	10	0	40	0	0	40	74	132	-114	70	212	374	26	126	576
0.00 to 0.30% Sulfur	0	0	0	0	0	0	0	0	0	132	-20	5	0	117	0	0	117
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	79	0	0	0	0	79	28	0	107
0.51 to 1.00% Sulfur	0	0	0	0	40	0	0	40	-1	0	0	3	212	214	0	11	265
1.01 to 2.00% Sulfur	0	10	10	0	0	0	0	0	-4	0	0	0	0	-4	-2	7	11
Greater Than 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	-94	62	0	-32	0	108	76
Residual Fuel Oil	3,925	174	4,099	57	2,367	459	720	3,603	736	7,808	6,914	368	102	15,928	228	11,121	34,979
0.00 to 0.30% Sulfur	511	17	528	0	0	0	0	0	139	476	15	95	17	742	-14	186	1,442
0.31 to 0.50% Sulfur	606	84	690	0	34	0	96	130	109	144	50	111	0	414	92	1,278	2,604
0.51 to 1.00% Sulfur	1,534	0	1,534	57	1,267	0	378	1,702	311	1,914	1,100	99	6	3,430	42	1,266	7,974
1.01 to 2.00% Sulfur	139	73	212	0	794	100	184	1,078	161	763	602	11	11	1,548	27	7,625	10,490
Greater Than 2.00% Sulfur	1,135	0	1,135	0	272	359	62	693	16	4,511	5,147	52	68	9,794	81	766	12,469

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, June 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	7	7	0	36	0	0	36	-1	344	-251	60	170	322	34	41	440
0.00 to 0.30% Sulfur	0	3	3	0	3	0	0	3	0	242	-24	2	0	220	0	0	226
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	-22	0	0	0	0	-22	34	0	12
0.51 to 1.00% Sulfur	0	0	0	0	0	0	0	0	2	102	0	3	170	277	0	4	281
1.01 to 2.00% Sulfur	0	4	4	0	0	0	0	0	19	0	0	0	0	19	0	6	29
Greater Than 2.00% Sulfur	0	0	0	0	33	0	0	33	0	0	-227	55	0	-172	0	31	-108
Residual Fuel Oil	3,725	257	3,982	74	2,264	326	666	3,330	813	6,295	7,411	454	70	15,043	305	9,552	32,212
0.00 to 0.30% Sulfur	429	19	448	0	0	0	0	0	107	190	20	103	10	430	7	196	1,081
0.31 to 0.50% Sulfur	268	160	428	0	27	0	86	113	64	142	30	104	0	340	101	779	1,761
0.51 to 1.00% Sulfur	1,835	0	1,835	74	1,079	0	392	1,545	441	1,671	1,219	168	8	3,507	30	1,290	8,207
1.01 to 2.00% Sulfur	170	78	248	0	677	174	158	1,009	189	809	742	13	3	1,756	74	6,945	10,032
Greater Than 2.00% Sulfur	1,023	0	1,023	0	481	152	30	663	12	3,483	5,400	66	49	9,010	93	342	11,131

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, July 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	4	4	0	20	0	0	20	12	182	-355	72	197	108	32	104	268
0.00 to 0.30% Sulfur	0	2	2	0	0	0	0	0	5	181	-14	2	0	174	0	0	176
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	14	0	0	0	0	14	32	0	46
0.51 to 1.00% Sulfur	0	0	0	0	6	0	0	6	-23	1	0	1	197	176	0	16	198
1.01 to 2.00% Sulfur	0	2	2	0	0	0	0	0	16	0	0	0	0	16	0	3	21
Greater Than 2.00% Sulfur	0	0	0	0	14	0	0	14	0	0	-341	69	0	-272	0	85	-173
Residual Fuel Oil	3,726	213	3,939	74	2,249	462	614	3,399	669	7,004	7,150	500	80	15,403	312	8,812	31,865
0.00 to 0.30% Sulfur	680	40	720	0	0	0	0	0	102	523	21	98	10	754	-8	265	1,731
0.31 to 0.50% Sulfur	871	157	1,028	0	32	0	123	155	15	122	38	117	0	292	110	1,359	2,944
0.51 to 1.00% Sulfur	1,652	0	1,652	74	1,229	0	273	1,576	434	2,095	1,699	199	8	4,435	66	1,234	8,963
1.01 to 2.00% Sulfur	86	16	102	0	736	177	173	1,086	102	325	1,272	6	13	1,718	52	5,304	8,262
Greater Than 2.00% Sulfur	437	0	437	0	252	285	45	582	16	3,939	4,120	80	49	8,204	92	650	9,965

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, August 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	4	4	0	-2	0	0	-2	39	270	127	62	217	715	16	102	835
0.00 to 0.30% Sulfur	0	4	4	0	0	0	0	0	0	257	51	0	0	308	0	0	312
0.31 to 0.50% Sulfur	0	0	0	0	5	0	0	5	11	0	0	0	0	11	16	0	32
0.51 to 1.00% Sulfur	0	0	0	0	0	0	0	0	8	13	51	1	217	290	0	28	318
1.01 to 2.00% Sulfur	0	0	0	0	0	0	0	0	20	0	0	0	0	20	0	5	25
Greater Than 2.00% Sulfur	0	0	0	0	-7	0	0	-7	0	0	25	61	0	86	0	69	148
Residual Fuel Oil	3,400	232	3,632	13	1,522	302	557	2,394	691	7,016	5,649	503	68	13,927	281	9,667	29,901
0.00 to 0.30% Sulfur	412	32	444	0	49	0	0	49	125	546	31	102	9	813	-1	275	1,580
0.31 to 0.50% Sulfur	625	1	626	0	41	0	139	180	24	111	32	108	0	275	109	1,217	2,407
0.51 to 1.00% Sulfur	1,560	0	1,560	13	479	0	333	825	433	1,946	1,202	185	7	3,773	77	1,387	7,622
1.01 to 2.00% Sulfur	282	199	481	0	660	139	58	857	103	402	1,020	0	52	1,577	67	6,253	9,235
Greater Than 2.00% Sulfur	521	0	521	0	293	163	27	483	6	4,011	3,364	108	0	7,489	29	535	9,057

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, September 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	1	1	0	37	0	0	37	34	367	-42	55	205	619	23	84	764
0.00 to 0.30% Sulfur	0	1	1	0	0	0	0	0	0	211	-57	3	0	157	0	0	158
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	9	0	0	0	0	9	23	1	33
0.51 to 1.00% Sulfur	0	0	0	0	2	0	0	2	7	156	0	1	205	369	0	10	381
1.01 to 2.00% Sulfur	0	0	0	0	0	0	0	0	18	0	0	0	0	18	0	3	21
Greater Than 2.00% Sulfur	0	0	0	0	35	0	0	35	0	0	15	51	0	66	0	70	171
Residual Fuel Oil	3,273	139	3,412	38	1,938	275	455	2,706	555	7,920	5,916	475	83	14,949	299	8,886	30,252
0.00 to 0.30% Sulfur	365	28	393	0	0	0	0	0	78	496	33	117	22	746	29	7	1,175
0.31 to 0.50% Sulfur	1,090	0	1,090	0	40	0	125	165	47	163	40	112	0	362	110	1,390	3,117
0.51 to 1.00% Sulfur	1,311	0	1,311	38	701	0	187	926	343	1,399	1,172	159	47	3,120	28	1,777	7,162
1.01 to 2.00% Sulfur	199	111	310	0	753	87	119	959	73	513	831	14	14	1,445	71	5,258	8,043
Greater Than 2.00% Sulfur	308	0	308	0	444	188	24	656	14	5,349	3,840	73	0	9,276	61	454	10,755

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, October 1982
(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	1	1	1	18	0	0	19	34	303	126	66	194	723	23	115	881
0.00 to 0.30% Sulfur	0	1	1	0	0	0	0	0	0	303	5	2	0	310	0	0	311
0.31 to 0.50% Sulfur	0	0	0	0	5	0	0	5	19	0	0	0	0	19	23	-3	44
0.51 to 1.00% Sulfur	0	0	0	1	5	0	0	6	0	0	0	3	194	197	0	34	237
1.01 to 2.00% Sulfur	0	0	0	0	0	0	0	0	15	0	0	0	0	15	0	4	19
Greater Than 2.00% Sulfur	0	0	0	0	8	0	0	8	0	0	121	61	0	182	0	80	270
Residual Fuel Oil	3,019	56	3,075	124	1,206	328	484	2,142	602	7,846	5,580	542	85	14,655	477	9,242	29,591
0.00 to 0.30% Sulfur	21	28	49	0	12	6	0	18	64	120	26	124	21	355	34	303	759
0.31 to 0.50% Sulfur	999	0	999	0	24	0	103	127	11	370	27	159	0	567	131	1,165	2,989
0.51 to 1.00% Sulfur	1,571	0	1,571	124	435	0	209	768	424	1,574	1,007	186	5	3,196	64	1,955	7,554
1.01 to 2.00% Sulfur	264	28	292	0	553	186	146	885	82	818	613	11	17	1,541	66	5,325	8,109
Greater Than 2.00% Sulfur	164	0	164	0	182	136	26	344	21	4,964	3,907	62	42	8,996	182	494	10,180

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, November 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	2	2	0	33	0	0	33	25	15	328	67	240	675	17	81	808
0.00 to 0.30% Sulfur	0	2	2	0	0	0	0	0	0	15	26	1	0	42	0	0	44
0.31 to 0.50% Sulfur	0	0	0	0	0	0	0	0	22	0	0	0	0	22	17	0	39
0.51 to 1.00% Sulfur	0	0	0	0	10	0	0	10	3	0	16	2	240	261	0	32	303
1.01 to 2.00% Sulfur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Greater Than 2.00% Sulfur	0	0	0	0	23	0	0	23	0	0	286	64	0	350	0	48	421
Residual Fuel Oil	3,935	115	4,050	116	1,802	343	433	2,694	720	6,648	5,786	253	77	13,484	360	9,069	29,657
0.00 to 0.30% Sulfur	370	25	395	0	16	5	0	21	141	370	92	132	8	743	33	203	1,395
0.31 to 0.50% Sulfur	721	0	721	0	40	0	126	166	29	241	93	-106	0	257	138	858	2,140
0.51 to 1.00% Sulfur	1,737	0	1,737	116	633	0	171	920	421	1,970	823	112	5	3,331	86	1,327	7,401
1.01 to 2.00% Sulfur	383	90	473	0	637	127	112	876	76	560	1,162	20	64	1,882	81	6,125	9,437
Greater Than 2.00% Sulfur	724	0	724	0	476	211	24	711	53	3,507	3,616	95	0	7,271	22	556	9,284

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 27. Production of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, December 1982 (Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil	0	3	3	0	49	0	0	49	39	-174	17	69	215	166	33	96	347
0.00 to 0.30% Sulfur	0	3	3	0	3	0	0	3	0	0	-5	0	0	-5	0	0	1
0.31 to 0.50% Sulfur	0	0	0	0	2	0	0	2	29	0	0	0	0	29	30	0	61
0.51 to 1.00% Sulfur	0	0	0	0	0	0	0	0	5	-174	0	2	215	48	0	37	85
1.01 to 2.00% Sulfur	0	0	0	0	0	0	0	0	5	0	0	0	0	5	3	28	36
Greater Than 2.00% Sulfur	0	0	0	0	44	0	0	44	0	0	22	67	0	89	0	31	164
Residual Fuel Oil	4,475	309	4,784	143	2,648	341	441	3,573	589	5,551	5,312	456	82	11,990	431	9,867	30,645
0.00 to 0.30% Sulfur	484	24	508	0	4	0	0	4	59	142	26	110	13	350	25	646	1,533
0.31 to 0.50% Sulfur	975	3	978	0	31	0	144	175	46	38	12	46	0	142	119	1,239	2,653
0.51 to 1.00% Sulfur	1,802	0	1,802	143	907	0	154	1,204	414	883	934	133	5	2,369	67	1,590	7,032
1.01 to 2.00% Sulfur	246	282	528	0	631	89	109	829	59	770	512	27	19	1,387	80	5,951	8,775
Greater Than 2.00% Sulfur	968	0	968	0	1,075	252	34	1,361	11	3,718	3,828	140	45	7,742	140	441	10,652

Note: Totals may not equal sum of components due to independent rounding.
Source: See Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, January 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III							PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																		
Refinery	0	8	8	0	0	0	0	0	0	11	55	4	0	70	0	0	78
Bulk Terminal	459	0	459	0	0	0	0	0	0	0	0	1	0	1	0	0	460
Total	459	8	467	0	0	0	0	0	0	11	55	5	0	71	0	0	538
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																		
Refinery	0	0	0	0	7	0	0	7	25	0	1	0	0	26	8	18	59
Bulk Terminal	143	0	143	0	0	0	0	0	0	0	0	0	0	0	0	0	143
Total	143	0	143	0	7	0	0	7	25	0	1	0	0	26	8	18	202
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																		
Refinery	0	0	0	0	52	0	0	52	33	240	0	3	97	373	0	15	440
Bulk Terminal	610	0	610	0	49	0	0	49	0	0	0	0	0	0	0	0	659
Total	610	0	610	0	101	0	0	101	33	240	0	3	97	373	0	15	1,099
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																		
Refinery	0	5	5	0	0	0	0	0	37	0	0	0	0	37	2	16	60
Bulk Terminal	514	0	514	0	0	0	0	0	0	0	0	0	0	0	0	19	533
Total	514	5	519	0	0	0	0	0	37	0	0	0	0	37	2	35	593
No.4 Fuel Oil – Greater Than 2.00% Sulfur																		
Refinery	0	0	0	0	0	0	0	0	0	0	38	73	0	111	0	3	114
Bulk Terminal	104	0	104	8	65	0	0	73	0	0	0	0	0	0	0	0	177
Total	104	0	104	8	65	0	0	73	0	0	38	73	0	111	0	3	291
Residual Fuel Oil – 0.00 to 0.30% Sulfur																		
Refinery	359	54	413	0	0	0	0	0	80	158	25	39	24	326	123	1,036	1,898
Bulk Terminal	3,418	0	3,418	0	16	0	0	16	0	0	2,516	2	0	2,518	0	0	5,952
Total	3,777	54	3,831	0	16	0	0	16	80	158	2,541	41	24	2,844	123	1,036	7,850
Residual Fuel Oil – 0.31 to 0.50% Sulfur																		
Refinery	868	14	882	0	118	33	3	154	23	437	24	73	1	558	51	1,620	3,265
Bulk Terminal	1,563	0	1,563	0	0	0	91	91	0	144	165	0	0	309	0	50	2,013
Total	2,431	14	2,445	0	118	33	94	245	23	581	189	73	1	867	51	1,670	5,278
Residual Fuel Oil – 0.51 to 1.00% Sulfur																		
Refinery	1,241	0	1,241	52	981	0	298	1,331	198	1,250	1,524	130	8	3,110	35	937	6,654
Bulk Terminal	5,730	124	5,854	91	1,459	20	91	1,661	29	976	209	0	0	1,214	0	240	8,969
Total	6,971	124	7,095	143	2,440	20	389	2,992	227	2,226	1,733	130	8	4,324	35	1,177	15,623
Residual Fuel Oil – 1.01 to 2.00% Sulfur																		
Refinery	380	114	494	0	1,041	209	254	1,504	76	565	805	4	60	1,510	271	4,419	8,198
Bulk Terminal	4,597	91	4,688	81	554	119	701	1,455	0	427	423	0	0	850	0	1,403	8,396
Total	4,977	205	5,182	81	1,595	328	955	2,959	76	992	1,228	4	60	2,360	271	5,822	16,594
Residual Fuel Oil – Greater than 2.00% Sulfur																		
Refinery	1,108	0	1,108	0	535	220	261	1,016	18	2,980	1,731	92	0	4,821	168	208	7,321
Bulk Terminal	12,540	26	12,566	0	262	70	210	542	0	1,329	1,094	73	0	2,496	0	372	15,976
Total	13,648	26	13,674	0	797	290	471	1,558	18	4,309	2,825	165	0	7,317	168	580	23,297
Residual Fuel Oil – Sulfur Content Not Specified																		
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, February 28,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	4	4	0	1	0	0	1	0	108	72	8	0	188	0	0	193
Bulk Terminal	470	0	470	0	0	0	0	0	0	0	0	1	0	1	0	0	471
Total	470	4	474	0	1	0	0	1	0	108	72	9	0	189	0	0	664
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	4	0	0	4	34	0	1	0	0	35	8	19	66
Bulk Terminal	105	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	105
Total	105	0	105	0	4	0	0	4	34	0	1	0	0	35	8	19	171
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	47	0	0	47	31	86	0	2	71	190	0	15	252
Bulk Terminal	662	0	662	0	50	0	0	50	0	0	0	0	0	0	0	0	712
Total	662	0	662	0	97	0	0	97	31	86	0	2	71	190	0	15	964
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	36	0	0	0	0	36	3	17	61
Bulk Terminal	523	0	523	0	0	0	0	0	0	0	0	0	0	0	0	48	571
Total	523	5	528	0	0	0	0	0	36	0	0	0	0	36	3	65	632
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	83	79	0	162	0	4	166
Bulk Terminal	109	0	109	10	53	0	0	63	0	0	0	0	0	0	0	0	172
Total	109	0	109	10	53	0	0	63	0	0	83	79	0	162	0	4	338
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	7	52	59	0	0	0	0	0	78	184	35	36	15	348	99	927	1,433
Bulk Terminal	2,100	0	2,100	0	18	0	0	18	0	0	1,811	2	0	1,813	0	0	3,931
Total	2,107	52	2,159	0	18	0	0	18	78	184	1,846	38	15	2,161	99	927	5,364
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	746	21	767	0	118	3	9	130	21	245	13	72	1	352	57	2,200	3,506
Bulk Terminal	1,115	0	1,115	0	0	0	104	104	0	132	440	0	0	572	0	57	1,848
Total	1,861	21	1,882	0	118	3	113	234	21	377	453	72	1	924	57	2,257	5,354
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,037	0	1,037	31	957	0	295	1,283	137	888	1,360	75	3	2,463	23	618	5,424
Bulk Terminal	4,513	51	4,564	167	1,410	20	139	1,736	21	356	288	0	0	665	0	284	7,249
Total	5,550	51	5,601	198	2,367	20	434	3,019	158	1,244	1,648	75	3	3,128	23	902	12,673
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	822	61	883	0	644	156	223	1,023	37	449	714	7	44	1,251	293	4,713	8,163
Bulk Terminal	2,927	37	2,964	82	565	121	450	1,218	0	156	251	0	0	407	0	1,379	5,968
Total	3,749	98	3,847	82	1,209	277	673	2,241	37	605	965	7	44	1,658	293	6,092	14,131
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	687	0	687	0	771	217	235	1,223	16	2,556	1,564	87	0	4,223	198	390	6,721
Bulk Terminal	10,836	25	10,861	0	283	57	218	558	0	1,026	1,465	85	0	2,576	0	242	14,237
Total	11,523	25	11,548	0	1,054	274	453	1,781	16	3,582	3,029	172	0	6,799	198	632	20,958
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, March 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	4	4	0	1	0	0	1	0	42	18	12	0	72	0	0	77
Bulk Terminal	479	0	479	0	0	0	0	0	0	0	0	1	0	1	0	0	480
Total	479	4	483	0	1	0	0	1	0	42	18	13	0	73	0	0	557
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	4	0	0	4	20	0	1	0	0	21	8	19	52
Bulk Terminal	81	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	81
Total	81	0	81	0	4	0	0	4	20	0	1	0	0	21	8	19	133
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	48	0	0	48	27	158	0	3	71	259	0	16	323
Bulk Terminal	316	0	316	0	45	0	0	45	0	0	0	0	0	0	0	0	361
Total	316	0	316	0	93	0	0	93	27	158	0	3	71	259	0	16	684
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	5	5	0	0	0	0	0	23	0	38	0	0	61	2	8	76
Bulk Terminal	436	0	436	0	0	0	0	0	0	0	0	0	0	0	0	57	493
Total	436	5	441	0	0	0	0	0	23	0	38	0	0	61	2	65	569
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	115	89	0	204	0	6	210
Bulk Terminal	50	0	50	15	67	0	0	82	0	0	0	0	0	0	0	0	132
Total	50	0	50	15	67	0	0	82	0	0	115	89	0	204	0	6	342
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	328	38	366	0	2	0	0	2	101	269	38	19	7	434	116	754	1,672
Bulk Terminal	2,587	0	2,587	0	13	0	0	13	0	0	1,931	2	0	1,933	0	0	4,533
Total	2,915	38	2,953	0	15	0	0	15	101	269	1,969	21	7	2,367	116	754	6,205
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	871	30	901	0	109	3	11	123	29	73	33	92	1	228	51	1,655	2,958
Bulk Terminal	1,422	0	1,422	0	165	0	51	216	0	33	19	0	0	52	0	57	1,747
Total	2,293	30	2,323	0	274	3	62	339	29	106	52	92	1	280	51	1,712	4,705
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,329	0	1,329	76	1,109	0	240	1,425	133	1,508	1,362	116	2	3,121	14	478	6,367
Bulk Terminal	4,947	33	4,980	167	1,201	19	143	1,530	9	527	253	0	0	789	0	275	7,574
Total	6,276	33	6,309	243	2,310	19	383	2,955	142	2,035	1,615	116	2	3,910	14	753	13,941
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	788	106	894	0	496	162	219	877	58	259	578	21	40	956	186	4,939	7,852
Bulk Terminal	2,880	20	2,900	77	574	120	404	1,175	0	38	233	0	0	271	0	1,282	5,628
Total	3,668	126	3,794	77	1,070	282	623	2,052	58	297	811	21	40	1,227	186	6,221	13,480
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	533	0	533	0	654	183	158	995	11	2,836	1,779	71	0	4,697	183	566	6,974
Bulk Terminal	9,087	13	9,100	0	297	71	233	601	0	738	1,424	37	0	2,199	0	908	12,808
Total	9,620	13	9,633	0	951	254	391	1,596	11	3,574	3,203	108	0	6,896	183	1,474	19,782
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, April 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	6	6	0	0	0	0	0	0	65	65	7	0	137	0	0	143
Bulk Terminal	494	0	494	0	0	0	0	0	0	0	0	1	0	1	0	0	495
Total	494	6	500	0	0	0	0	0	0	65	65	8	0	138	0	0	638
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	5	0	0	5	12	0	1	0	0	13	8	18	44
Bulk Terminal	68	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Total	68	0	68	0	5	0	0	5	12	0	1	0	0	13	8	18	112
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	14	0	0	14	32	235	0	5	79	351	0	20	385
Bulk Terminal	198	0	198	0	8	1	0	9	0	0	0	0	0	0	0	0	207
Total	198	0	198	0	22	1	0	23	32	235	0	5	79	351	0	20	592
No. 4 Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	0	4	4	0	0	0	0	0	19	0	35	0	0	54	2	4	64
Bulk Terminal	381	0	381	0	0	0	0	0	0	0	0	0	0	0	0	17	398
Total	381	4	385	0	0	0	0	0	19	0	35	0	0	54	2	21	462
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	59	59	0	118	0	3	121
Bulk Terminal	50	0	50	20	65	0	0	85	0	0	0	0	0	0	0	0	135
Total	50	0	50	20	65	0	0	85	0	0	59	59	0	118	0	3	256
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	409	33	442	0	2	0	0	2	115	211	21	25	23	395	136	713	1,688
Bulk Terminal	3,195	0	3,195	0	4	0	0	4	0	0	1,348	2	0	1,350	0	0	4,549
Total	3,604	33	3,637	0	6	0	0	6	115	211	1,369	27	23	1,745	136	713	6,237
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	953	28	981	0	111	3	3	117	57	308	11	107	0	483	37	1,444	3,062
Bulk Terminal	1,387	0	1,387	0	75	0	0	75	0	49	0	0	0	49	0	44	1,555
Total	2,340	28	2,368	0	186	3	3	192	57	357	11	107	0	532	37	1,488	4,617
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	675	0	675	85	1,137	0	200	1,422	104	1,223	951	109	5	2,392	16	579	5,084
Bulk Terminal	4,951	21	4,972	121	1,034	19	93	1,267	7	314	227	0	0	548	0	289	7,076
Total	5,626	21	5,647	206	2,171	19	293	2,689	111	1,537	1,178	109	5	2,940	16	868	12,160
Residual Fuel Oil -- 1.01 to 2.00% Sulfur																	
Refinery	474	139	613	0	526	174	140	840	33	622	528	10	42	1,235	170	4,569	7,427
Bulk Terminal	2,755	14	2,769	55	510	102	458	1,125	0	172	117	0	0	289	0	1,309	5,492
Total	3,229	153	3,382	55	1,036	276	598	1,965	33	794	645	10	42	1,524	170	5,878	12,919
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	573	0	573	0	523	223	164	910	7	2,498	2,055	59	0	4,619	164	403	6,669
Bulk Terminal	7,801	4	7,805	0	248	51	129	428	0	485	1,646	25	0	2,156	0	616	11,005
Total	8,374	4	8,378	0	771	274	293	1,338	7	2,983	3,701	84	0	6,775	164	1,019	17,674
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, May 31,1982

(Thousands of Barrels)

Commodity	PAD District I*			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	6	6	0	0	0	0	0	0	62	70	9	0	141	0	0	147
Bulk Terminal	547	0	547	0	0	0	0	0	0	0	0	1	0	1	0	0	548
Total	547	6	553	0	0	0	0	0	0	62	70	10	0	142	0	0	695
No.4 Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	4	0	0	4	80	0	1	0	0	81	13	15	113
Bulk Terminal	55	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Total	55	0	55	0	4	0	0	4	80	0	1	0	0	81	13	15	168
No. 4 Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	23	0	0	23	24	175	0	5	134	338	0	21	382
Bulk Terminal	279	0	279	0	67	1	0	68	0	0	0	0	0	0	0	0	347
Total	279	0	279	0	90	1	0	91	24	175	0	5	134	338	0	21	729
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	6	6	0	0	0	0	0	13	0	31	0	0	44	0	6	56
Bulk Terminal	369	0	369	0	0	0	0	0	0	0	0	0	0	0	0	29	398
Total	369	6	375	0	0	0	0	0	13	0	31	0	0	44	0	35	454
No.4 Fuel Oil -- Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	75	18	0	93	0	28	121
Bulk Terminal	65	0	65	18	19	0	0	37	0	0	0	0	0	0	0	0	102
Total	65	0	65	18	19	0	0	37	0	0	75	18	0	93	0	28	223
Residual Fuel Oil -- 0.00 to 0.30% Sulfur																	
Refinery	433	32	465	0	0	0	0	0	163	353	35	10	32	593	136	561	1,755
Bulk Terminal	3,907	0	3,907	0	21	0	0	21	0	0	1,324	7	0	1,331	0	0	5,259
Total	4,340	32	4,372	0	21	0	0	21	163	353	1,359	17	32	1,924	136	561	7,014
Residual Fuel Oil -- 0.31 to 0.50% Sulfur																	
Refinery	882	29	911	0	118	3	4	125	46	390	13	147	0	596	41	1,362	3,035
Bulk Terminal	1,951	0	1,951	0	0	0	0	0	0	7	288	0	0	295	0	0	2,246
Total	2,833	29	2,862	0	118	3	4	125	46	397	301	147	0	891	41	1,362	5,281
Residual Fuel Oil -- 0.51 to 1.00% Sulfur																	
Refinery	1,087	0	1,087	33	1,249	0	199	1,481	107	1,615	1,228	130	7	3,087	15	565	6,235
Bulk Terminal	5,791	25	5,816	156	656	17	127	956	10	315	88	0	0	413	0	289	7,474
Total	6,878	25	6,903	189	1,905	17	326	2,437	117	1,930	1,316	130	7	3,500	15	854	13,709
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	425	179	604	0	557	180	173	910	81	826	660	10	4	1,581	156	4,010	7,261
Bulk Terminal	3,691	15	3,706	72	495	111	465	1,143	0	454	39	0	0	493	0	1,759	7,101
Total	4,116	194	4,310	72	1,052	291	638	2,053	81	1,280	699	10	4	2,074	156	5,769	14,362
Residual Fuel Oil -- Greater than 2.00% Sulfur																	
Refinery	484	0	484	0	522	219	132	873	13	2,249	2,670	63	47	5,042	141	410	6,950
Bulk Terminal	9,377	9	9,386	0	274	71	110	455	0	563	946	32	0	1,541	0	235	11,617
Total	9,861	9	9,870	0	796	290	242	1,328	13	2,812	3,616	95	47	6,583	141	645	18,567
Residual Fuel Oil -- Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	16	17

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, June 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	9	9	0	3	0	0	3	0	10	46	2	0	58	0	0	70
Bulk Terminal	445	0	445	0	0	0	0	0	0	0	0	1	0	1	0	0	446
Total	445	9	454	0	3	0	0	3	0	10	46	3	0	59	0	0	516
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	3	0	0	3	47	0	1	0	0	48	14	15	80
Bulk Terminal	63	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Total	63	0	63	0	3	0	0	3	47	0	1	0	0	48	14	15	143
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	11	0	0	11	26	277	0	2	102	407	0	16	434
Bulk Terminal	262	0	262	0	178	28	0	206	0	0	0	0	0	0	0	0	468
Total	262	0	262	0	189	28	0	217	26	277	0	2	102	407	0	16	902
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	4	4	0	0	0	0	0	11	0	37	0	0	48	0	3	55
Bulk Terminal	345	0	345	0	0	0	0	0	0	0	0	0	0	0	0	50	395
Total	345	4	349	0	0	0	0	0	11	0	37	0	0	48	0	53	450
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	25	0	0	25	0	0	110	68	0	178	0	21	224
Bulk Terminal	88	0	88	7	1	0	0	8	0	0	0	0	0	0	0	0	96
Total	88	0	88	7	26	0	0	33	0	0	110	68	0	178	0	21	320
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	307	31	338	0	0	0	0	0	101	127	29	22	37	316	128	599	1,381
Bulk Terminal	3,572	0	3,572	0	23	0	0	23	0	0	1,392	29	0	1,421	0	14	5,030
Total	3,879	31	3,910	0	23	0	0	23	101	127	1,421	51	37	1,737	128	613	6,411
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	486	34	520	0	112	3	5	120	48	433	14	93	0	588	32	1,016	2,276
Bulk Terminal	1,421	0	1,421	0	0	0	0	0	0	1	290	0	0	291	0	0	1,712
Total	1,907	34	1,941	0	112	3	5	120	48	434	304	93	0	879	32	1,016	3,988
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,687	0	1,687	57	1,158	0	209	1,424	153	1,476	1,644	121	8	3,402	10	559	7,082
Bulk Terminal	5,825	37	5,862	142	671	14	108	935	19	351	406	0	0	776	0	135	7,708
Total	7,512	37	7,549	199	1,829	14	317	2,359	172	1,827	2,050	121	8	4,178	10	694	14,790
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	598	209	807	0	450	269	163	882	93	799	813	6	1	1,712	109	4,857	8,367
Bulk Terminal	3,021	23	3,044	36	345	105	462	948	0	227	320	0	0	547	0	1,281	5,820
Total	3,619	232	3,851	36	795	374	625	1,830	93	1,026	1,133	6	1	2,259	109	6,138	14,187
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	570	0	570	0	609	190	106	905	12	2,621	2,912	73	50	5,668	216	341	7,700
Bulk Terminal	10,336	0	10,336	0	170	67	126	363	0	1,212	1,152	22	0	2,386	0	498	13,583
Total	10,906	0	10,906	0	779	257	232	1,268	12	3,833	4,064	95	50	8,054	216	839	21,283
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, July 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	4	4	0	2	0	0	2	0	87	33	3	0	123	0	0	129
Bulk Terminal	394	0	394	0	0	0	0	0	0	0	0	1	0	1	0	0	395
Total	394	4	398	0	2	0	0	2	0	87	33	4	0	124	0	0	524
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	2	0	0	2	18	0	0	0	0	18	3	12	35
Bulk Terminal	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Total	45	0	45	0	2	0	0	2	18	0	0	0	0	18	3	12	80
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	17	0	0	17	29	221	0	3	75	328	0	18	363
Bulk Terminal	304	0	304	0	164	28	0	192	0	0	98	0	0	98	0	0	594
Total	304	0	304	0	181	28	0	209	29	221	98	3	75	426	0	18	957
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	9	0	25	0	0	34	0	2	36
Bulk Terminal	334	0	334	0	0	0	0	0	0	0	0	0	0	0	0	39	373
Total	334	0	334	0	0	0	0	0	9	0	25	0	0	34	0	41	409
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	7	0	0	7	0	0	79	98	0	177	0	32	216
Bulk Terminal	66	2	68	10	1	0	0	11	0	0	0	0	0	0	0	0	79
Total	66	2	68	10	8	0	0	18	0	0	79	98	0	177	0	32	295
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	306	30	336	0	0	0	0	0	88	174	27	23	28	340	115	723	1,514
Bulk Terminal	2,996	0	2,996	0	23	0	0	23	0	6	2,026	29	0	2,061	0	13	5,093
Total	3,302	30	3,332	0	23	0	0	23	88	180	2,053	52	28	2,401	115	736	6,607
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	557	29	586	0	113	3	8	124	3	53	24	109	0	189	29	1,274	2,202
Bulk Terminal	1,260	0	1,260	0	0	0	0	0	0	0	0	0	0	0	0	0	1,260
Total	1,817	29	1,846	0	113	3	8	124	3	53	24	109	0	189	29	1,274	3,462
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,438	0	1,438	109	1,029	0	233	1,371	239	1,715	1,645	113	6	3,718	13	639	7,179
Bulk Terminal	4,853	48	4,901	193	408	12	91	704	29	553	280	0	0	862	0	261	6,728
Total	6,291	48	6,339	302	1,437	12	324	2,075	268	2,268	1,925	113	6	4,580	13	900	13,907
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	872	49	921	0	840	307	220	1,367	32	589	578	10	1	1,210	84	4,132	7,714
Bulk Terminal	3,751	229	3,980	23	355	84	506	968	0	139	664	0	0	803	0	1,378	7,129
Total	4,623	278	4,901	23	1,195	391	726	2,335	32	728	1,242	10	1	2,013	84	5,510	14,843
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	185	0	185	0	531	193	34	758	13	2,596	1,866	91	40	4,606	244	496	6,289
Bulk Terminal	10,447	28	10,475	0	113	59	190	362	0	1,076	1,502	46	0	2,624	0	359	13,820
Total	10,632	28	10,660	0	644	252	224	1,120	13	3,672	3,368	137	40	7,230	244	855	20,109
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	14	15

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, August 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	7	7	0	2	0	0	2	0	52	83	3	0	138	0	0	147
Bulk Terminal	391	0	391	0	0	0	0	0	0	0	0	1	0	1	0	0	392
Total	391	7	398	0	2	0	0	2	0	52	83	4	0	139	0	0	539
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	6	0	0	6	17	0	1	0	0	18	3	9	36
Bulk Terminal	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Total	27	0	27	0	6	0	0	6	17	0	1	0	0	18	3	9	63
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	17	0	0	17	38	234	76	3	64	415	0	19	451
Bulk Terminal	241	0	241	0	253	27	0	280	0	0	92	0	0	92	0	0	613
Total	241	0	241	0	270	27	0	297	38	234	168	3	64	507	0	19	1,064
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	7	0	0	0	0	7	0	3	10
Bulk Terminal	353	0	353	0	0	0	0	0	0	0	0	0	0	0	0	30	383
Total	353	0	353	0	0	0	0	0	7	0	0	0	0	7	0	33	393
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	77	26	0	103	0	19	122
Bulk Terminal	47	4	51	13	1	0	0	14	0	0	0	0	0	0	0	0	65
Total	47	4	51	13	1	0	0	14	0	0	77	26	0	103	0	19	187
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	28	28	0	24	0	6	30	109	240	26	21	29	425	88	596	1,167
Bulk Terminal	2,958	0	2,958	0	23	0	0	23	0	0	1,663	7	0	1,670	0	19	4,670
Total	2,958	28	2,986	0	47	0	6	53	109	240	1,689	28	29	2,095	88	615	5,837
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	542	4	546	0	234	3	10	247	7	421	23	124	0	575	28	1,025	2,421
Bulk Terminal	1,538	0	1,538	0	0	0	0	0	0	0	2	0	0	2	0	0	1,540
Total	2,080	4	2,084	0	234	3	10	247	7	421	25	124	0	577	28	1,025	3,961
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,116	0	1,116	77	722	0	153	952	183	1,306	1,497	148	2	3,136	10	546	5,760
Bulk Terminal	4,076	83	4,159	257	431	10	131	829	59	632	180	0	0	871	0	240	6,099
Total	5,192	83	5,275	334	1,153	10	284	1,781	242	1,938	1,677	148	2	4,007	10	786	11,859
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	503	92	595	0	643	196	134	973	35	241	534	0	60	870	82	3,469	5,989
Bulk Terminal	2,195	135	2,330	44	338	75	580	1,037	0	136	410	0	0	546	0	1,489	5,402
Total	2,698	227	2,925	44	981	271	714	2,010	35	377	944	0	60	1,416	82	4,958	11,391
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	411	0	411	0	728	137	7	872	10	2,437	2,040	81	0	4,568	235	405	6,491
Bulk Terminal	9,394	16	9,410	0	99	51	127	277	0	1,026	1,728	91	0	2,845	0	558	13,090
Total	9,805	16	9,821	0	827	188	134	1,149	10	3,463	3,768	172	0	7,413	235	963	19,581
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content,September 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	8	8	0	2	0	0	2	0	54	26	4	0	84	0	0	94
Bulk Terminal	417	0	417	0	0	0	0	0	0	0	0	1	0	1	0	0	418
Total	417	8	425	0	2	0	0	2	0	54	26	5	0	85	0	0	512
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	5	0	0	5	1	0	1	0	0	2	6	7	20
Bulk Terminal	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Total	34	0	34	0	5	0	0	5	1	0	1	0	0	2	6	7	54
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	15	0	0	15	41	390	33	3	51	518	0	14	547
Bulk Terminal	430	0	430	0	197	25	0	222	0	0	0	0	0	0	0	0	652
Total	430	0	430	0	212	25	0	237	41	390	33	3	51	518	0	14	1,199
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	6	0	0	0	0	6	0	2	8
Bulk Terminal	376	0	376	0	0	0	0	0	0	0	0	0	0	0	0	30	406
Total	376	0	376	0	0	0	0	0	6	0	0	0	0	6	0	32	414
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	35	0	0	35	0	0	94	37	0	131	0	13	179
Bulk Terminal	63	2	65	11	1	0	0	12	0	0	0	0	0	0	0	0	77
Total	63	2	65	11	36	0	0	47	0	0	94	37	0	131	0	13	256
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	280	26	306	0	0	0	6	6	134	166	31	12	24	367	94	531	1,304
Bulk Terminal	4,729	0	4,729	0	21	0	0	21	0	0	1,802	7	0	1,809	0	6	6,565
Total	5,009	26	5,035	0	21	0	6	27	134	166	1,833	19	24	2,176	94	537	7,869
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	1,125	3	1,128	0	93	3	12	108	50	253	21	175	0	499	31	1,298	3,064
Bulk Terminal	1,753	0	1,753	0	98	0	74	172	0	200	131	0	0	331	0	0	2,256
Total	2,878	3	2,881	0	191	3	86	280	50	453	152	175	0	830	31	1,298	5,320
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	908	0	908	47	830	0	85	962	82	1,306	1,165	103	57	2,713	11	1,580	6,174
Bulk Terminal	5,482	40	5,522	64	644	6	185	899	75	680	80	0	0	835	0	479	7,735
Total	6,390	40	6,430	111	1,474	6	270	1,861	157	1,986	1,245	103	57	3,548	11	2,059	13,909
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	730	38	768	0	790	153	154	1,097	50	398	596	12	1	1,057	78	4,084	7,084
Bulk Terminal	2,356	88	2,444	136	464	68	678	1,346	0	291	495	0	0	786	0	1,585	6,161
Total	3,086	126	3,212	136	1,254	221	832	2,443	50	689	1,091	12	1	1,843	78	5,669	13,245
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	505	21	526	0	535	188	9	732	13	3,173	1,461	148	0	4,795	237	340	6,630
Bulk Terminal	10,733	168	10,901	0	166	39	190	395	28	1,591	1,319	95	0	3,033	0	502	14,831
Total	11,238	189	11,427	0	701	227	199	1,127	41	4,764	2,780	243	0	7,828	237	842	21,461
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	13	14
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	13	14

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, October 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appala-chian #1	Total	Appala-chian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	9	9	0	1	0	0	1	0	134	31	3	0	168	0	0	178
Bulk Terminal	460	0	460	0	0	0	0	0	0	0	0	1	0	1	0	0	461
Total	460	9	469	0	1	0	0	1	0	134	31	4	0	169	0	0	639
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	9	0	0	9	10	0	1	0	0	11	1	1	22
Bulk Terminal	37	0	37	0	0	0	0	0	0	0	13	0	0	13	0	0	50
Total	37	0	37	0	9	0	0	9	10	0	14	0	0	24	1	1	72
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	16	0	0	16	39	292	22	2	28	383	0	17	416
Bulk Terminal	415	0	415	0	54	79	0	133	0	0	0	0	0	0	0	0	548
Total	415	0	415	0	70	79	0	149	39	292	22	2	28	383	0	17	964
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	5	10
Bulk Terminal	345	0	345	0	0	0	0	0	0	0	0	0	0	0	0	28	373
Total	345	0	345	0	0	0	0	0	5	0	0	0	0	5	0	33	383
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	11	0	0	11	0	0	195	50	0	245	0	24	280
Bulk Terminal	77	1	78	12	0	0	0	12	19	0	0	0	0	19	0	0	109
Total	77	1	78	12	11	0	0	23	19	0	195	50	0	264	0	24	389
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	191	29	220	0	1	9	6	16	116	170	51	18	17	372	107	569	1,284
Bulk Terminal	5,610	0	5,610	0	25	0	0	25	0	0	1,576	7	0	1,583	0	0	7,218
Total	5,801	29	5,830	0	26	9	6	41	116	170	1,627	25	17	1,955	107	569	8,502
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	742	3	745	0	80	0	7	87	7	631	31	180	0	849	52	925	2,658
Bulk Terminal	2,231	0	2,231	0	241	0	0	241	0	0	0	0	0	0	0	0	2,472
Total	2,973	3	2,976	0	321	0	7	328	7	631	31	180	0	849	52	925	5,130
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,024	0	1,024	73	920	0	80	1,073	191	1,489	889	172	4	2,745	40	1,481	6,363
Bulk Terminal	7,386	157	7,543	108	627	3	138	876	88	612	91	0	0	791	0	502	9,712
Total	8,410	157	8,567	181	1,547	3	218	1,949	279	2,101	980	172	4	3,536	40	1,983	16,075
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	498	49	547	0	400	121	116	637	51	400	527	5	1	984	55	3,126	5,349
Bulk Terminal	3,605	247	3,852	90	447	65	420	1,022	0	373	619	0	0	992	0	1,375	7,241
Total	4,103	296	4,399	90	847	186	536	1,659	51	773	1,146	5	1	1,976	55	4,501	12,590
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	756	5	761	0	470	181	18	669	9	2,619	1,624	111	54	4,417	291	953	7,091
Bulk Terminal	10,218	23	10,241	0	132	85	212	429	254	1,261	1,283	51	0	2,849	0	650	14,169
Total	10,974	28	11,002	0	602	266	230	1,098	263	3,880	2,907	162	54	7,266	291	1,603	21,260
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, November 30,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	4	4	0	1	0	0	1	0	1	57	4	0	62	0	0	67
Bulk Terminal	644	0	644	0	0	0	0	0	0	0	0	0	0	0	0	0	644
Total	644	4	648	0	1	0	0	1	0	1	57	4	0	62	0	0	711
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	8	0	0	8	9	0	1	0	0	10	7	2	27
Bulk Terminal	71	0	71	0	0	0	0	0	0	0	1	0	0	1	0	0	72
Total	71	0	71	0	8	0	0	8	9	0	2	0	0	11	7	2	99
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	19	0	0	19	30	229	38	3	67	367	0	20	406
Bulk Terminal	682	0	682	0	28	0	0	28	0	0	0	0	0	0	0	0	710
Total	682	0	682	0	47	0	0	47	30	229	38	3	67	367	0	20	1,116
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	4	9
Bulk Terminal	433	0	433	0	0	0	0	0	0	0	0	0	0	0	0	36	469
Total	433	0	433	0	0	0	0	0	5	0	0	0	0	5	0	40	478
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	0	0	159	65	0	224	0	19	243
Bulk Terminal	65	3	68	9	0	0	0	9	52	0	0	0	0	52	0	0	129
Total	65	3	68	9	0	0	0	9	52	0	159	65	0	276	0	19	372
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	391	32	423	0	4	0	6	10	117	107	86	19	13	342	106	341	1,222
Bulk Terminal	5,704	0	5,704	0	25	0	0	25	0	0	2,016	3	0	2,019	0	0	7,748
Total	6,095	32	6,127	0	29	0	6	35	117	107	2,102	22	13	2,361	106	341	8,970
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	691	3	694	0	105	0	12	117	6	295	65	61	0	427	46	1,072	2,356
Bulk Terminal	2,800	0	2,800	0	91	0	0	91	0	125	38	0	0	163	0	0	3,054
Total	3,491	3	3,494	0	196	0	12	208	6	420	103	61	0	590	46	1,072	5,410
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,166	0	1,166	110	828	0	55	993	191	1,470	1,085	87	4	2,837	134	1,206	6,336
Bulk Terminal	7,920	183	8,103	80	643	11	46	780	106	393	105	0	0	604	0	395	9,882
Total	9,086	183	9,269	190	1,471	11	101	1,773	297	1,863	1,190	87	4	3,441	134	1,601	16,218
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	871	87	958	0	605	138	64	807	59	583	675	10	39	1,366	54	3,448	6,633
Bulk Terminal	3,592	332	3,924	136	358	63	451	1,008	0	602	113	0	0	715	0	749	6,396
Total	4,463	419	4,882	136	963	201	515	1,815	59	1,185	788	10	39	2,081	54	4,197	13,029
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	1,170	0	1,170	0	588	157	17	762	37	3,056	2,225	104	0	5,422	174	551	8,079
Bulk Terminal	11,341	86	11,427	0	177	75	152	404	203	1,159	861	22	0	2,245	0	592	14,668
Total	12,511	86	12,597	0	765	232	169	1,166	240	4,215	3,086	126	0	7,667	174	1,143	22,747
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	22	23
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	22	23

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 28. Stocks of No.4 Fuel Oil and Residual Fuel Oil By Sulfur Content, December 31,1982

(Thousands of Barrels)

Commodity	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., Ky.	Minn., Wisc., Daks.	Okla., Kans., Mo.	Total	Texas Inland	Texas Gulf Coast	La. Gulf Coast	No. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
No. 4 Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	0	7	7	0	4	0	0	4	0	0	12	4	0	16	0	0	27
Bulk Terminal	474	0	474	0	0	0	0	0	0	0	0	0	0	0	0	0	474
Total	474	7	481	0	4	0	0	4	0	0	12	4	0	16	0	0	501
No.4 Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	0	0	0	0	8	0	0	8	6	0	1	0	0	7	5	2	22
Bulk Terminal	70	0	70	0	0	0	0	0	0	0	1	0	0	1	0	0	71
Total	70	0	70	0	8	0	0	8	6	0	2	0	0	8	5	2	93
No. 4 Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	0	0	0	0	12	0	0	12	28	236	19	3	58	344	0	23	379
Bulk Terminal	398	0	398	0	63	0	0	63	0	0	11	0	0	11	0	0	472
Total	398	0	398	0	75	0	0	75	28	236	30	3	58	355	0	23	851
No. 4 Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	15	21
Bulk Terminal	393	0	393	0	0	0	0	0	0	0	0	0	0	0	0	37	430
Total	393	0	393	0	0	0	0	0	3	0	0	0	0	3	3	52	451
No.4 Fuel Oil – Greater Than 2.00% Sulfur																	
Refinery	0	0	0	0	13	0	0	13	0	0	116	74	0	190	0	18	221
Bulk Terminal	70	0	70	8	0	0	0	8	14	0	55	0	0	69	0	0	147
Total	70	0	70	8	13	0	0	21	14	0	171	74	0	259	0	18	368
Residual Fuel Oil – 0.00 to 0.30% Sulfur																	
Refinery	590	25	615	0	5	0	0	5	58	275	42	12	15	402	109	523	1,654
Bulk Terminal	4,490	0	4,490	0	25	0	0	25	0	0	2,506	2	0	2,508	0	0	7,023
Total	5,080	25	5,105	0	30	0	0	30	58	275	2,548	14	15	2,910	109	523	8,677
Residual Fuel Oil – 0.31 to 0.50% Sulfur																	
Refinery	847	4	851	0	104	0	6	110	3	25	8	97	0	133	51	1,115	2,260
Bulk Terminal	2,981	0	2,981	0	24	0	0	24	0	26	0	0	0	26	0	0	3,031
Total	3,828	4	3,832	0	128	0	6	134	3	51	8	97	0	159	51	1,115	5,291
Residual Fuel Oil – 0.51 to 1.00% Sulfur																	
Refinery	1,541	0	1,541	111	861	0	70	1,042	150	1,116	1,431	15	4	2,716	136	1,167	6,602
Bulk Terminal	7,056	80	7,136	66	509	11	24	610	117	246	279	0	0	642	0	322	8,710
Total	8,597	80	8,677	177	1,370	11	94	1,652	267	1,362	1,710	15	4	3,358	136	1,489	15,312
Residual Fuel Oil – 1.01 to 2.00% Sulfur																	
Refinery	503	108	611	0	659	139	62	860	66	567	632	14	0	1,279	52	4,316	7,118
Bulk Terminal	2,815	418	3,233	87	394	107	474	1,062	0	512	435	22	0	969	0	1,016	6,280
Total	3,318	526	3,844	87	1,053	246	536	1,922	66	1,079	1,067	36	0	2,248	52	5,332	13,398
Residual Fuel Oil – Greater than 2.00% Sulfur																	
Refinery	982	0	982	0	871	240	15	1,126	40	3,167	2,347	141	21	5,716	286	530	8,640
Bulk Terminal	12,215	79	12,294	0	155	52	145	352	84	832	949	17	0	1,882	0	336	14,864
Total	13,197	79	13,276	0	1,026	292	160	1,478	124	3,999	3,296	158	21	7,598	286	866	23,504
Residual Fuel Oil – Sulfur Content Not Specified																	
Pipeline	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18
Total	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	17	18

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form EIA-87, "Refinery Report."

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, January 1982
(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,431	0	0	0	0	0	1,431
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,431	0	0	0	0	0	1,431
Other OPEC							
Ecuador	0	0	0	310	0	0	310
Gabon	0	0	0	0	0	0	0
Indonesia	390	0	0	0	0	0	390
Iran	0	0	0	0	0	0	0
Nigeria	590	0	0	0	0	0	590
Venezuela	2,612	0	403	1,894	3,566	0	8,475
Subtotal Other OPEC	3,592	0	403	2,203	3,566	0	9,765
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	287	0	0	212	204	0	703
Bolivia	0	0	0	0	0	0	0
Brazil	349	0	0	0	0	0	349
Brunei	0	59	0	0	0	0	59
Canada	72	0	291	140	4	0	508
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	(s)	0	0	0	1,626	0	1,626
Netherlands	0	0	0	0	210	0	210
Netherlands Antilles	0	0	138	747	3,854	55	4,793
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	2	0	237	0	0	0	239
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	279	0	0	0	279
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	831	574	1,375	1,738	429	0	4,946
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	230	184	0	0	0	0	414
Other Eastern Hemisphere	(s)	441	0	0	0	0	441
Subtotal Other	1,771	1,259	2,320	2,837	6,327	55	14,567
Total Imports	6,794	1,259	2,723	5,040	9,893	55	25,763

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, February 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,755	0	0	0	0	0	1,755
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,755	0	0	0	0	0	1,755
Other OPEC							
Ecuador	108	0	0	325	0	0	434
Gabon	0	0	0	0	0	0	0
Indonesia	873	88	90	0	0	0	1,050
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	2,408	0	830	759	2,185	0	6,182
Subtotal Other OPEC	3,389	88	920	1,085	2,185	0	7,666
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	341	0	0	411	165	0	917
Bolivia	0	0	0	0	0	0	0
Brazil	526	0	793	0	0	0	1,319
Brunei	0	28	0	0	0	0	28
Canada	0	0	950	232	5	0	1,188
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	146	0	0	0	0	0	146
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	(s)	0	0	0	2,080	0	2,080
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	595	0	248	555	3,699	0	5,098
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	2	311	0	0	0	313
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	93	0	283	0	0	0	376
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	1,018	855	786	1,498	738	0	4,894
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	234	177	421	125	0	0	957
Other Eastern Hemisphere	(s)	40	0	0	0	0	40
Subtotal Other	2,954	1,101	3,793	2,821	6,687	0	17,356
Total Imports	8,098	1,189	4,713	3,906	8,872	0	26,776

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, March 1982
(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,133	0	0	0	0	0	2,133
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,133	0	0	0	0	0	2,133
Other OPEC							
Ecuador	0	0	0	219	0	0	219
Gabon	0	0	0	0	0	0	0
Indonesia	413	130	0	0	0	0	543
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	863	0	0	1,624	5,803	0	8,290
Subtotal Other OPEC	1,276	130	0	1,843	5,803	0	9,052
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	322	0	0	0	185	0	507
Bolivia	0	0	0	0	0	0	0
Brazil	172	0	240	0	0	0	413
Brunei	0	65	0	12	0	0	77
Canada	65	0	724	157	9	0	955
Congo	(s)	0	0	0	0	0	(s)
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	135	0	0	0	0	0	135
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	335	0	335
Netherlands	0	0	0	0	248	0	248
Netherlands Antilles	877	0	100	395	3,638	0	5,010
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	480	0	0	0	480
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	256	0	0	599	0	0	855
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	359	602	1,877	1,351	1,512	0	5,701
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	517	0	572	0	0	0	1,089
Other Eastern Hemisphere	323	426	542	0	0	0	1,291
Subtotal Other	3,026	1,092	4,536	2,514	5,928	0	17,095
Total Imports	6,435	1,222	4,536	4,357	11,731	0	28,281

(s) Less than 500 barrels.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, April 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,909	138	0	0	0	0	2,047
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,909	138	0	0	0	0	2,047
Other OPEC							
Ecuador	0	0	0	505	0	0	505
Gabon	0	0	0	0	0	0	0
Indonesia	0	84	0	0	0	0	84
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	123	0	0	248	6,551	0	6,921
Subtotal Other OPEC	123	84	0	752	6,551	0	7,510
Other							
Angola	0	0	0	0	0	0	0
Australia	253	0	0	0	0	0	253
Bahamas	717	0	100	0	405	0	1,223
Bolivia	0	0	0	0	0	0	0
Brazil	366	0	0	0	0	0	366
Brunei	0	21	0	4	0	0	25
Canada	1	0	225	152	4	0	381
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	343	0	343
Netherlands	0	0	0	0	(s)	0	(s)
Netherlands Antilles	843	0	0	129	4,027	0	4,999
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	43	241	0	0	0	284
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	465	0	326	0	792
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	281	179	1,641	711	571	0	3,382
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	358	0	0	0	353	0	711
Other Eastern Hemisphere	464	465	399	0	4	0	1,332
Subtotal Other	3,283	707	3,071	996	6,033	0	14,090
Total Imports	5,315	929	3,071	1,748	12,584	0	23,647

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, May 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,870	0	0	0	49	0	2,919
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,870	0	0	0	49	0	2,919
Other OPEC							
Ecuador	0	0	0	194	0	0	194
Gabon	0	0	0	0	0	0	0
Indonesia	0	209	0	0	0	0	209
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	4,455	0	359	320	2,894	0	8,028
Subtotal Other OPEC	4,455	209	359	514	2,894	0	8,431
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	29	0	0	721	570	0	1,320
Bolivia	0	0	0	0	0	0	0
Brazil	140	0	210	0	0	0	351
Brunei	0	30	0	0	0	0	30
Canada	8	0	393	333	286	0	1,019
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	145	0	0	0	0	0	145
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	0	0	50	521	2,628	0	3,200
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	309	0	0	0	309
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	94	0	580	0	0	0	674
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	725	1,052	956	759	0	3,492
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	235	0	0	347	0	0	582
Other Eastern Hemisphere	457	65	0	1	0	0	523
Subtotal Other	1,108	821	2,594	2,879	4,243	0	11,644
Total Imports	8,433	1,030	2,953	3,393	7,186	0	22,994

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, June 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,375	0	0	0	0	0	1,375
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	10	0	10
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,375	0	0	0	10	0	1,385
Other OPEC							
Ecuador	0	0	0	353	0	0	353
Gabon	0	0	0	0	0	0	0
Indonesia	0	227	0	0	0	0	227
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	762	0	0	540	4,121	0	5,422
Subtotal Other OPEC	762	227	0	893	4,121	0	6,002
Other							
Angola	(s)	0	0	0	0	0	(s)
Australia	214	0	52	0	0	0	265
Bahamas	0	0	0	0	506	0	506
Bolivia	0	0	0	0	0	0	0
Brazil	330	0	311	0	0	0	641
Brunei	0	0	0	0	0	0	0
Canada	10	0	426	488	93	0	1,017
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	8	0	0	0	0	8
Mexico	0	0	0	0	1,014	0	1,014
Netherlands	0	149	0	0	0	0	149
Netherlands Antilles	0	0	51	40	3,201	0	3,292
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	770	0	2	0	772
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	644	0	644
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	483	0	0	483
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	0	1,038	547	535	0	2,120
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	235	308	0	2	0	545
Other Eastern Hemisphere	577	127	0	1	0	0	704
Subtotal Other	1,131	519	2,955	1,559	5,997	0	12,160
Total Imports	3,267	745	2,955	2,452	10,127	0	19,546

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, July 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,152	0	0	0	0	0	2,152
Iraq	0	0	0	0	0	0	0
Kuwait	533	0	0	0	0	0	533
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	635	0	635
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,685	0	0	0	635	0	3,320
Other OPEC							
Ecuador	0	0	0	0	0	0	0
Gabon	0	0	0	0	0	0	0
Indonesia	0	151	0	28	0	0	178
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	1,471	225	199	418	2,498	0	4,811
Subtotal Other OPEC	1,471	375	199	446	2,498	0	4,989
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	105	0	0	0	1,437	0	1,543
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Brunei	0	0	0	0	0	0	0
Canada	(s)	0	479	98	2	0	579
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	172	0	0	0	172
Ghana	399	0	0	0	0	0	399
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	472	0	472
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	0	0	100	37	2,953	0	3,089
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	70	0	0	70
Peru	0	0	262	0	0	0	262
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	195	0	0	195
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	0	1,849	1,548	304	0	3,702
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	389	196	0	0	0	585
Other Eastern Hemisphere	2	371	367	65	172	0	976
Subtotal Other	507	760	3,425	2,012	5,340	0	12,045
Total Imports	4,662	1,135	3,624	2,458	8,474	0	20,353

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, August 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,016	0	0	0	0	0	2,016
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,016	0	0	0	0	0	2,016
Other OPEC							
Ecuador	3	0	0	313	0	0	316
Gabon	0	0	0	0	0	0	0
Indonesia	0	5	0	0	0	0	5
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	208	0	631	0	1,537	0	2,377
Subtotal Other OPEC	211	5	631	313	1,537	0	2,697
Other							
Angola	0	0	0	0	0	0	0
Australia	0	220	0	0	0	0	220
Bahamas	222	0	0	229	1,355	0	1,805
Bolivia	0	0	0	0	0	0	0
Brazil	679	0	0	0	0	0	679
Brunei	0	0	0	0	0	0	0
Canada	37	0	673	6	9	0	725
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	305	0	305
Netherlands	0	0	0	0	0	(s)	(s)
Netherlands Antilles	0	0	0	0	3,379	0	3,379
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	50	0	50
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	194	0	0	194
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Virgin Islands	0	396	1,292	625	858	0	3,171
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	228	146	0	270	0	644
Other Eastern Hemisphere	889	114	0	176	0	0	1,179
Subtotal Other	1,827	957	2,110	1,230	6,225	(s)	12,349
Total Imports	4,053	962	2,741	1,543	7,762	(s)	17,062

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, September 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,695	0	0	0	0	0	2,695
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,695	0	0	0	0	0	2,695
Other OPEC							
Ecuador	0	0	0	0	0	0	0
Gabon	0	0	0	117	0	0	117
Indonesia	0	12	3	4	0	0	18
Iran	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Venezuela	1,295	685	488	1,333	3,718	0	7,520
Subtotal Other OPEC	1,295	698	491	1,454	3,718	0	7,656
Other							
Angola	0	267	0	0	0	0	267
Australia	0	0	0	0	0	0	0
Bahamas	590	109	0	0	1,130	0	1,829
Bolivia	0	0	0	0	0	0	0
Brazil	326	0	0	0	0	0	326
Brunei	0	92	0	5	0	0	97
Canada	5	0	405	51	3	(s)	466
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	18	0	18
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	1,307	0	1,307
Netherlands	0	0	0	0	88	0	88
Netherlands Antilles	0	0	0	40	4,830	0	4,870
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	355	0	1,188	0	0	0	1,543
Puerto Rico	180	0	0	0	0	0	180
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	389	0	0	389
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	0	675	0	0	675
Virgin Islands	528	332	440	388	1,360	0	3,049
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	0	502	0	0	0	502
Other Eastern Hemisphere	0	88	77	43	0	0	209
Subtotal Other	1,985	888	2,614	1,592	8,735	(s)	15,815
Total Imports	5,975	1,586	3,104	3,047	12,454	(s)	26,166

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, October 1982
(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,909	492	0	0	0	0	3,401
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	206	0	0	0	0	206
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,909	697	0	0	0	0	3,607
Other OPEC							
Ecuador	0	0	0	682	0	0	682
Gabon	0	0	0	0	0	0	0
Indonesia	0	0	0	4	0	0	4
Iran	0	0	0	0	0	0	0
Nigeria	169	0	0	0	0	0	169
Venezuela	1,315	0	570	727	3,935	0	6,548
Subtotal Other OPEC	1,484	0	570	1,413	3,935	0	7,403
Other							
Angola	0	271	0	0	0	0	271
Australia	0	0	0	0	0	0	0
Bahamas	307	0	0	199	492	0	998
Bolivia	0	0	0	0	0	0	0
Brazil	0	0	338	0	0	0	338
Brunei	0	0	0	0	0	0	0
Canada	10	92	490	94	15	0	701
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	349	0	349
Netherlands	0	212	0	0	195	0	407
Netherlands Antilles	0	0	0	50	3,652	0	3,702
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	258	0	0	0	258
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	349	263	0	612
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	243	0	0	0	243
Virgin Islands	0	0	700	748	999	0	2,447
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	229	0	837	347	0	0	1,414
Other Eastern Hemisphere	164	496	742	114	0	0	1,516
Subtotal Other	710	1,072	3,609	1,902	5,964	0	13,257
Total Imports	5,103	1,769	4,180	3,315	9,899	0	24,267

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, November 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	2,505	0	0	0	0	0	2,505
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	216	216	0	0	0	0	431
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	2,721	216	0	0	0	0	2,936
Other OPEC							
Ecuador	0	0	0	189	0	0	189
Gabon	0	0	0	0	0	0	0
Indonesia	0	10	0	21	0	0	30
Iran	0	0	0	0	0	0	0
Nigeria	182	0	0	0	0	0	182
Venezuela	1,101	0	220	112	4,429	0	5,861
Subtotal Other OPEC	1,283	10	220	321	4,429	0	6,263
Other							
Angola	0	0	0	0	0	0	0
Australia	0	0	0	0	0	0	0
Bahamas	0	0	0	0	96	0	96
Bolivia	0	0	0	0	0	0	0
Brazil	680	0	663	0	0	0	1,343
Brunei	0	0	0	0	0	0	0
Canada	166	0	610	41	39	0	857
Congo	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	150	0	0	0	0	150
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Netherlands Antilles	199	0	215	300	4,178	0	4,892
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	0	0	0	0	0	0
Peru	0	0	261	0	220	0	481
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	404	0	0	404
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	215	0	0	0	215
Virgin Islands	452	905	1,563	343	522	0	3,785
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	232	200	587	650	0	0	1,669
Other Eastern Hemisphere	774	395	796	33	0	0	1,997
Subtotal Other	2,504	1,650	4,910	1,770	5,056	0	15,890
Total Imports	6,507	1,875	5,130	2,091	9,484	0	25,089

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 29. Imports of Residual Fuel Oil by Sulfur Content by Country of Origin, December 1982

(Thousands of Barrels)

Country	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
Arab OPEC							
Algeria	1,518	195	0	0	15	0	1,728
Iraq	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Libya	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0
Saudi Arabia	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
Subtotal Arab OPEC	1,518	195	0	0	15	0	1,728
Other OPEC							
Ecuador	316	0	0	0	0	0	316
Gabon	0	0	0	0	0	0	0
Indonesia	494	10	0	0	0	0	504
Iran	0	0	0	0	0	0	0
Nigeria	344	0	0	0	0	0	344
Venezuela	618	0	340	380	2,732	0	4,069
Subtotal Other OPEC	1,771	10	340	380	2,732	0	5,233
Other							
Angola	0	389	0	0	0	0	389
Australia	1	0	0	0	253	0	254
Bahamas	203	0	0	195	710	0	1,108
Bolivia	0	0	0	0	0	0	0
Brazil	312	0	49	0	0	0	361
Brunei	0	0	0	0	0	0	0
Canada	32	0	273	176	10	0	491
Congo	0	174	0	0	0	0	174
Egypt	0	0	0	0	0	0	0
France	0	0	0	0	0	0	0
Ghana	0	0	0	0	0	0	0
Liberia	0	0	0	0	0	0	0
Malaysia	0	0	0	0	621	0	621
Mexico	0	0	0	0	0	0	0
Netherlands	(s)	0	0	0	217	0	217
Netherlands Antilles	0	0	0	148	4,542	0	4,689
Norway	0	0	0	0	0	0	0
Oman	0	0	0	0	0	0	0
People's Republic of China	0	28	0	6	0	0	35
Peru	257	0	527	0	0	0	784
Puerto Rico	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Spain	0	504	0	0	0	0	504
Syria	0	0	0	0	0	0	0
Trinidad	0	0	0	448	47	0	495
Tunisia	0	0	0	0	0	0	0
United Kingdom	0	0	49	0	239	0	289
Virgin Islands	600	628	1,533	201	973	0	3,936
Yugoslavia	0	0	0	0	0	0	0
Zaire	0	0	0	0	0	0	0
Other Western Hemisphere	0	83	277	0	196	0	556
Other Eastern Hemisphere	742	222	225	106	0	0	1,294
Subtotal Other	2,147	2,027	2,934	1,280	7,808	0	16,195
Total Imports	5,436	2,232	3,274	1,660	10,554	0	23,157

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, January 1982
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**6,129**	**1,042**	**2,683**	**4,994**	**8,560**	**55**	**23,462**
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	148	0	0	0	148
Florida	0	0	319	0	980	0	1,299
Georgia	0	0	0	0	338	0	338
Maine	0	0	0	0	776	0	776
Maryland	0	0	0	102	313	0	416
Massachusetts	0	0	279	915	1,918	0	3,111
New Jersey	724	383	458	210	1,031	0	2,805
New York	5,393	121	1,000	2,161	1,216	0	9,890
North Carolina	0	0	0	209	199	0	408
Pennsylvania	0	538	438	267	305	0	1,548
Rhode Island	0	0	0	0	50	0	50
South Carolina	12	0	0	39	322	0	373
Vermont	0	0	0	0	0	0	0
Virginia	0	0	41	1,091	1,113	0	2,244
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**72**	**0**	**41**	**30**	**4**	**0**	**146**
Illinois	72	0	0	0	0	0	72
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	41	0	0	0	41
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	30	4	0	34
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**590**	**0**	**0**	**0**	**1,228**	**0**	**1,818**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	296	0	0	0	403	0	698
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	295	0	0	0	825	0	1,120
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**2**	**217**	**0**	**17**	**100**	**0**	**336**
Alaska	0	0	0	0	0	0	0
Arizona	(s)	0	0	0	0	0	(s)
California	0	0	0	0	0	0	0
Hawaii	2	217	0	0	0	0	219
Oregon	0	0	0	0	100	0	100
Washington	0	0	0	17	0	0	17
All PAD Districts	**6,794**	**1,259**	**2,723**	**5,040**	**9,893**	**55**	**25,763**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**7,632**	**1,031**	**3,860**	**3,651**	**6,404**	**0**	**22,579**
Connecticut	0	0	215	118	0	0	333
Delaware	0	0	153	0	0	0	153
Florida	0	0	0	282	482	0	764
Georgia	0	0	0	0	293	0	293
Maine	0	0	35	601	1,201	0	1,838
Maryland	0	0	165	355	288	0	808
Massachusetts	0	0	813	82	1,893	0	2,788
New Jersey	1,763	321	313	180	716	0	3,294
New York	5,277	257	1,354	1,255	470	0	8,613
North Carolina	0	0	0	100	110	0	211
Pennsylvania	584	453	591	29	251	0	1,909
Rhode Island	0	0	221	0	99	0	320
South Carolina	7	0	0	0	111	0	118
Vermont	0	0	0	0	0	0	0
Virginia	0	0	0	647	491	0	1,138
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**724**	**25**	**5**	**0**	**754**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	724	0	0	0	724
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	25	5	0	31
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**1**	**0**	**0**	**229**	**2,046**	**0**	**2,276**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	1	0	0	0	1,010	0	1,011
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	(s)	0	0	229	1,036	0	1,265
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**465**	**157**	**129**	**0**	**416**	**0**	**1,167**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	465	0	0	0	0	0	465
Hawaii	(s)	157	90	0	0	0	248
Oregon	0	0	0	0	199	0	199
Washington	0	0	39	0	217	0	256
All PAD Districts	**8,098**	**1,189**	**4,713**	**3,906**	**8,872**	**0**	**26,776**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, March 1982

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**5,950**	**966**	**3,760**	**3,720**	**9,747**	**0**	**24,143**
Connecticut	0	0	0	0	47	0	47
Delaware	0	0	0	0	0	0	0
Florida	3	0	295	200	1,463	0	1,960
Georgia	0	0	0	0	167	0	167
Maine	0	0	242	747	1,632	0	2,621
Maryland	0	0	83	0	475	0	559
Massachusetts	0	0	382	382	2,223	0	2,986
New Jersey	1,788	77	295	118	502	0	2,780
New York	4,153	347	1,538	1,721	1,347	0	9,106
North Carolina	0	0	0	235	639	0	874
Pennsylvania	0	369	777	231	30	0	1,407
Rhode Island	0	173	0	0	0	0	173
South Carolina	6	0	0	0	152	0	158
Vermont	0	0	0	0	0	0	0
Virginia	0	0	149	85	1,070	0	1,304
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**65**	**0**	**515**	**25**	**9**	**0**	**614**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	65	0	515	0	0	0	580
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	25	9	0	34
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**3**	**0**	**239**	**599**	**1,975**	**0**	**2,816**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	2	0	239	599	1,827	0	2,667
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	1	0	0	0	148	0	149
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**417**	**257**	**22**	**12**	**0**	**0**	**708**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	413	0	0	0	0	0	413
Hawaii	3	257	0	12	0	0	273
Washington	0	0	22	0	0	0	22
All PAD Districts	**6,435**	**1,222**	**4,536**	**4,357**	**11,731**	**0**	**28,281**

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, April 1982
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**4,841**	**691**	**2,798**	**1,731**	**9,620**	**0**	**19,681**
Connecticut	0	0	329	0	0	0	329
Delaware	0	0	0	0	0	0	0
Florida	0	0	755	197	1,538	0	2,490
Georgia	0	0	0	0	126	0	126
Maine	0	0	192	35	1,195	0	1,422
Maryland	0	0	160	100	311	0	571
Massachusetts	0	0	136	0	1,286	0	1,422
New Jersey	1,016	76	199	124	1,392	0	2,807
New York	3,703	512	618	790	1,147	0	6,770
North Carolina	0	0	0	0	0	0	0
Pennsylvania	0	103	408	0	531	0	1,043
Rhode Island	0	0	0	194	50	0	244
South Carolina	73	0	0	79	282	0	433
Vermont	0	0	0	0	0	0	0
Virginia	48	0	0	213	1,763	0	2,024
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**31**	**13**	**207**	**0**	**250**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	31	0	0	0	31
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	13	207	0	219
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**10**	**0**	**241**	**0**	**2,757**	**0**	**3,008**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	1	0	241	0	2,301	0	2,543
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	9	0	0	0	456	0	465
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**464**	**238**	**1**	**4**	**0**	**0**	**707**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	464	0	0	0	0	0	464
Hawaii	0	238	0	4	0	0	242
Washington	0	0	1	0	0	0	1
All PAD Districts	**5,315**	**929**	**3,071**	**1,748**	**12,584**	**0**	**23,647**

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, May 1982

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**5,104**	**725**	**2,447**	**3,369**	**6,886**	**0**	**18,531**
Connecticut	0	0	223	0	0	0	223
Delaware	0	0	161	0	0	0	161
Florida	0	0	205	154	1,183	0	1,543
Georgia	0	0	0	0	290	0	290
Maine	0	0	0	566	310	0	876
Maryland	0	0	50	61	572	0	683
Massachusetts	0	0	357	0	1,332	0	1,689
New Jersey	350	161	99	0	422	0	1,033
New York	3,526	137	986	1,714	1,055	0	7,417
North Carolina	0	0	0	203	129	0	332
Pennsylvania	1,223	427	193	61	192	0	2,096
Rhode Island	0	0	0	0	0	0	0
South Carolina	5	0	0	96	199	0	300
Vermont	0	0	0	0	0	0	0
Virginia	0	0	173	515	1,202	0	1,890
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**147**	**23**	**1**	**0**	**171**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	147	0	0	0	147
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	23	1	0	24
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**2,865**	**0**	**359**	**0**	**299**	**0**	**3,523**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	1,514	0	359	0	299	0	2,172
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	1,351	0	0	0	0	0	1,351
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**464**	**305**	**0**	**1**	**0**	**0**	**769**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	457	0	0	0	0	0	457
Hawaii	(s)	305	0	1	0	0	306
Washington	7	0	0	0	0	0	7
All PAD Districts	**8,433**	**1,030**	**2,953**	**3,393**	**7,186**	**0**	**22,994**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**1,766**	**235**	**2,448**	**1,756**	**6,588**	**0**	**12,793**
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
Florida	0	0	352	193	1,376	0	1,921
Georgia	0	0	0	0	80	0	80
Maine	0	0	0	0	915	0	915
Maryland	0	0	112	0	456	0	568
Massachusetts	0	0	0	330	1,235	0	1,566
New Jersey	74	0	545	0	548	0	1,167
New York	1,691	235	923	1,192	686	0	4,728
North Carolina	0	0	0	0	258	0	258
Pennsylvania	0	0	371	0	252	0	622
Rhode Island	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0
Virginia	0	0	146	40	782	0	968
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**243**	**52**	**3**	**0**	**298**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	243	0	0	0	243
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	52	3	0	55
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**1,114**	**149**	**264**	**643**	**3,343**	**0**	**5,514**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	183	149	264	483	2,106	0	3,185
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	931	0	0	160	1,238	0	2,329
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**387**	**361**	**0**	**1**	**193**	**0**	**942**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	379	0	0	0	193	0	572
Hawaii	(s)	361	0	1	0	0	362
Washington	8	0	0	0	0	0	8
All PAD Districts	**3,267**	**745**	**2,955**	**2,452**	**10,127**	**0**	**19,546**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, July 1982

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**3,053**	**614**	**2,767**	**2,081**	**7,176**	**0**	**15,690**
Connecticut	0	0	0	0	0	0	0
Delaware	293	0	0	0	0	0	293
Florida	0	0	683	604	1,731	0	3,018
Georgia	0	0	0	0	0	0	0
Maine	0	0	0	0	1,097	0	1,097
Maryland	0	0	299	303	246	0	848
Massachusetts	0	0	172	0	1,159	0	1,331
New Jersey	366	84	109	96	1,578	0	2,232
New York	2,394	530	701	954	542	0	5,121
North Carolina	0	0	0	94	0	0	94
Pennsylvania	0	0	503	0	0	0	503
Rhode Island	0	0	0	0	159	0	159
South Carolina	0	0	0	0	50	0	50
Vermont	0	0	0	0	0	0	0
Virginia	0	0	299	30	613	0	942
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**282**	**20**	**2**	**0**	**303**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	212	0	0	0	212
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	20	2	0	22
Ohio	0	0	70	0	0	0	70
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**1,608**	**343**	**566**	**195**	**1,289**	**0**	**4,000**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	1,279	0	199	195	942	0	2,614
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	329	343	367	0	347	0	1,386
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**2**	**178**	**9**	**163**	**8**	**0**	**360**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	8	0	8
Hawaii	2	178	0	163	0	0	343
Washington	0	0	9	0	0	0	9
All PAD Districts	**4,662**	**1,135**	**3,624**	**2,458**	**8,474**	**0**	**20,353**

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**2,767**	**843**	**1,904**	**1,365**	**6,252**	**0**	**13,130**
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
Florida	0	0	293	190	1,884	0	2,367
Georgia	0	0	0	0	63	0	63
Maine	0	0	0	0	410	0	410
Maryland	0	0	104	72	101	0	277
Massachusetts	0	0	0	123	887	0	1,010
New Jersey	1,001	230	255	0	820	0	2,307
New York	1,558	470	951	475	560	0	4,013
North Carolina	0	0	0	0	548	0	548
Pennsylvania	202	143	0	398	83	0	827
Rhode Island	0	0	0	0	0	0	0
South Carolina	5	0	0	107	228	0	340
Vermont	0	0	0	0	0	0	0
Virginia	0	0	300	0	669	0	969
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**200**	**2**	**9**	**0**	**211**
Illinois	0	0	46	0	0	0	46
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	106	0	0	0	106
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	2	9	0	11
Ohio	0	0	48	0	0	0	48
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**1,286**	**0**	**631**	**0**	**1,502**	**0**	**3,419**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	799	0	144	0	1,197	0	2,141
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	487	0	487	0	305	0	1,278
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	(s)	**119**	**6**	**176**	**0**	(s)	**302**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	0	0	0
Hawaii	(s)	119	0	176	0	0	295
Washington	0	0	6	0	0	0	6
All PAD Districts	**4,053**	**962**	**2,741**	**1,543**	**7,762**	(s)	**17,062**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, September 1982

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**5,970**	**1,064**	**2,459**	**2,989**	**11,384**	(s)	**23,866**
Connecticut	0	0	190	0	0	0	190
Delaware	241	356	0	0	0	0	597
Florida	0	0	440	0	2,010	0	2,450
Georgia	0	0	0	0	200	0	200
Maine	0	0	0	150	791	0	941
Maryland	0	0	264	601	191	0	1,056
Massachusetts	0	0	0	0	2,572	0	2,572
New Jersey	1,259	291	73	0	1,353	0	2,976
New York	4,233	263	1,352	1,584	2,006	0	9,437
North Carolina	0	0	0	239	340	0	578
Pennsylvania	238	154	0	52	327	0	771
Rhode Island	0	0	139	0	0	0	139
South Carolina	0	0	0	0	216	0	216
Vermont	0	0	0	0	0	0	0
Virginia	0	0	0	363	1,379	0	1,742
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**112**	**6**	**3**	**0**	**121**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	6	3	0	9
Ohio	0	0	112	0	0	0	112
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**0**	**329**	**453**	**0**	**847**	**0**	**1,629**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	0	0	453	0	502	0	956
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	0	329	0	0	344	0	674
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**5**	**192**	**80**	**52**	**220**	**0**	**549**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	220	0	220
Hawaii	0	192	80	52	0	0	324
Washington	5	0	0	0	0	0	5
All PAD Districts	**5,975**	**1,586**	**3,104**	**3,047**	**12,454**	(s)	**26,166**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133,

(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**4,162**	**1,013**	**4,025**	**2,479**	**7,535**	**0**	**19,215**
Connecticut	262	0	0	0	108	0	370
Delaware	0	0	0	0	0	0	0
Florida	0	0	0	154	1,494	0	1,648
Georgia	0	0	0	0	0	0	0
Maine	0	92	180	155	756	0	1,184
Maryland	0	0	962	302	517	0	1,781
Massachusetts	0	0	0	0	1,234	0	1,234
New Jersey	500	127	903	567	1,322	0	3,418
New York	3,312	581	1,663	1,167	1,020	0	7,743
North Carolina	0	0	0	0	0	0	0
Pennsylvania	0	212	95	135	420	0	862
Rhode Island	0	0	222	0	0	0	222
South Carolina	6	0	0	0	100	0	106
Vermont	0	0	0	0	0	0	0
Virginia	83	0	0	0	565	0	648
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**0**	**0**	**155**	**55**	**15**	**0**	**224**
Illinois	0	0	124	0	0	0	124
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	31	0	0	0	31
Minnesota	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	55	15	0	69
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**930**	**492**	**0**	**659**	**2,023**	**0**	**4,104**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	417	0	0	659	1,719	0	2,794
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	513	492	0	0	304	0	1,309
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**11**	**265**	**0**	**122**	**326**	**0**	**725**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	326	0	326
Hawaii	1	265	0	118	0	0	384
Oregon	0	0	0	4	0	0	4
Washington	9	0	0	0	0	0	9
All PAD Districts	**5,103**	**1,769**	**4,180**	**3,315**	**9,899**	**0**	**24,267**

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Table 30. Imports of Residual Fuel Oil by Sulfur Content by State of Entry, November 1982
(Thousands of Barrels)

State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**5,627**	**1,415**	**4,457**	**1,594**	**9,431**	**0**	**22,523**
Connecticut	0	0	215	0	0	0	215
Delaware	0	0	0	0	0	0	0
Florida	0	0	215	48	1,604	0	1,868
Georgia	0	0	0	0	223	0	223
Maine	0	0	0	0	996	0	996
Maryland	0	0	846	30	364	0	1,239
Massachusetts	0	0	0	72	1,653	0	1,725
New Jersey	1,050	567	280	0	1,513	0	3,410
New York	4,159	628	2,320	761	1,207	0	9,076
North Carolina	0	0	0	347	287	0	634
Pennsylvania	309	220	580	0	93	0	1,202
Rhode Island	0	0	0	189	166	0	355
South Carolina	7	0	0	0	0	0	7
Vermont	0	0	0	0	0	0	0
Virginia	102	0	0	146	1,324	0	1,573
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**115**	**0**	**372**	**41**	**39**	**0**	**567**
Illinois	0	0	53	0	0	0	53
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	0	0	274	0	0	0	274
Minnesota	50	0	0	0	0	0	50
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	4	0	0	41	39	0	85
Ohio	60	0	45	0	0	0	105
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**746**	**200**	**301**	**404**	**14**	**0**	**1,666**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	2	0	220	404	14	0	640
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	744	200	81	0	0	0	1,026
PAD District IV	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
PAD District V	**19**	**260**	**0**	**53**	**0**	**0**	**332**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	0	0	0
Hawaii	2	260	0	53	0	0	316
Washington	17	0	0	0	0	0	17
All PAD Districts	**6,507**	**1,875**	**5,130**	**2,091**	**9,484**	**0**	**25,089**

Note: Totals may not equal sum of components due to independent rounding.
Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico.

(Thousands of Barrels)

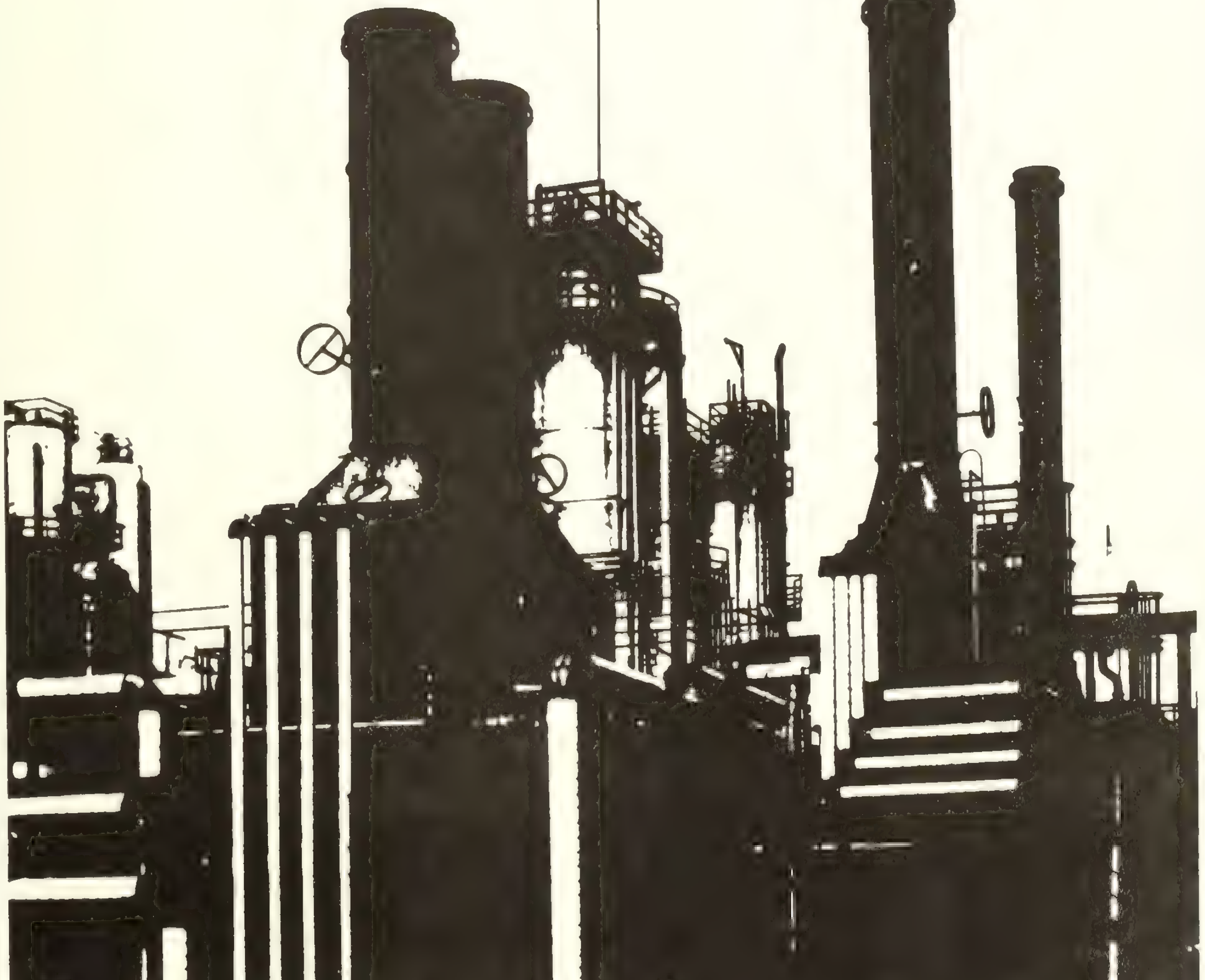
State	Residual Fuel Oil						
	0.00 to 0.30%	0.31 to 0.50%	0.51 to 1.00%	1.01 to 2.00%	Greater Than 2.00%	Not Specified	Total
PAD District I	**4,317**	**1,468**	**2,706**	**1,478**	**10,330**	**0**	**20,299**
Connecticut	0	0	0	0	217	0	217
Delaware	359	0	0	0	0	0	359
Florida	0	0	284	0	428	0	712
Georgia	0	0	0	0	31	0	31
Maine	0	0	0	593	1,042	0	1,634
Maryland	0	0	358	329	432	0	1,119
Massachusetts	0	0	0	0	2,815	0	2,815
New Jersey	557	110	609	50	1,405	0	2,730
New York	3,144	1,252	833	408	2,347	0	7,986
North Carolina	0	0	263	0	240	0	503
Pennsylvania	257	105	359	25	424	0	1,170
Rhode Island	0	0	0	0	51	0	51
South Carolina	0	0	0	0	315	0	315
Vermont	0	0	0	0	0	0	0
Virginia	0	0	0	74	584	0	657
Washington, D.C.	0	0	0	0	0	0	0
PAD District II	**6**	**0**	**228**	**61**	**10**	**0**	**305**
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0
Michigan	6	0	228	0	0	0	234
Minnesota	0	0	0	26	6	0	33
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	35	4	0	39
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
PAD District III	**1,082**	**504**	**340**	**0**	**0**	**0**	**1,926**
Alabama	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0
Louisiana	2	504	340	0	0	0	845
Mississippi	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Texas	1,081	0	0	0	0	0	1,081
PAD District IV	**0**	**0**	**0**	**9**	**0**	**0**	**9**
Colorado	0	0	0	0	0	0	0
Montana	0	0	0	9	0	0	9
Utah	0	0	0	0	0	0	0
PAD District V	**31**	**261**	(s)	**112**	**214**	**0**	**618**
Alaska	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0
California	0	0	0	0	214	0	214
Hawaii	5	261	(s)	112	0	0	378
Washington	26	0	0	0	0	0	26
All PAD Districts	**5,436**	**2,232**	**3,274**	**1,660**	**10,554**	**0**	**23,157**

(s) Less than 500 barrels.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Form ERA-60, "Report of Oil Imports into the United States and Puerto Rico"; Form FEA-P133, "Shipments of Refined Petroleum Products (Including unfinished oils) from Puerto Rico to the United States"; and Bureau of Census Imports Tabulation IM145.

Explanatory Notes



Note 1: Data Collection Methodology

Note 1.1 Monthly Reporting Systems

Background

Collection of monthly petroleum supply statistics began as early as 1918 when the Bureau of Mines (BOM) began collecting data on refinery operations and crude oil stocks and movements. The collection systems were further expanded to include natural gas plant liquids production and storage in 1925, imports of crude oil and petroleum products and storage and movements of petroleum products in 1959, and tanker and barge movements of crude oil and petroleum products in 1964. Since their inception, each survey has undergone numerous changes.

Respondent Frame

EIA-87: All petroleum refineries and plants that produce finished motor gasoline through the mechanical blending of liquids, which are operated or controlled in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, the Hawaiian Foreign Trade Zone, and Guam.

EIA-88: All bulk terminal facilities in the 50 States and the District of Columbia, Puerto Rico, and the Virgin Islands that (a) have a total bulk storage capacity of 50,000 barrels or more and/or (b) receive petroleum products by tanker, barge, or pipeline, regardless of ownership of the material.

EIA-89: All products pipeline companies that carry petroleum products (including interstate, intrastate and intracompany pipelines) in the 50 States and the District of Columbia.

EIA-90: All companies which carry or store crude oil of 1,000 barrels or more in the 50 States, and the District of Columbia. Included are gathering and trunk pipeline companies (including interstate, intrastate, and intracompany pipelines), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water.

EIA-64: All operators of facilities designed to: (1) extract liquid hydrocarbons from natural gas stream (natural gas processing plants); (2) separate a hydrocarbon stream into its component products, i.e., propane, butane, natural gasoline, etc., (fractionators); or (3) store the liquid hydrocarbons output of plants and fractionators.

EIA-170: All known companies and plants that have custody of crude oil and petroleum products transported by tanker and barge between PAD Districts or between PAD Districts and the Panama Canal.

ERA-60: All licensed importers and importers of record importing crude oil and petroleum products into the United States and Puerto Rico. The respondent universe consisted of approximately 1,100 firms as of July 31, 1982. The respondent universe for this survey is updated whenever an import license is granted by the Office of Oil Imports of the ERA.

EIA utilizes a number of sources and methods to maintain the survey respondent lists. On a regular basis, survey managers review industry publications such as the *Oil and Gas Journal* and *LP Gas Almanac* for information on facilities or companies going into operation or closing down. These are augmented by articles in newspapers, letters from respondents indicating changes in status, and information received from survey systems operated by other offices.

Periodically an extensive survey study is conducted to completely refresh the frames. This involves consolidating information from every known source including State agencies, Federal agencies (e.g., EPA, Corps of Engineers, Census Bureau, etc.), and private industry directories. The effort also includes the evaluation of the impact of potential frame changes on the historical time series of data published from these respondents. The results of this frame study are usually implemented in January to provide a full year under the same frame.

Collection Methods

The data for all the above surveys are collected monthly. Completed forms are required to be postmarked by the 20th day following the end of the report month, with the exception of the ERA-60 which is due 15 work days following the end of the report month. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. An automated mailing list is maintained and is used to monitor receipt of the forms.

Imputing Missing Data

Imputation is performed only for nonresponding companies that submitted reports in the previous month. For such companies, previous monthly values are used for current values. The previous month's ending stocks value is used for both the current month's beginning stocks and the current month's ending stocks. In the event that the previous month's data were estimated, the respondent is contacted and requested to submit estimates, if necessary, to be followed by submission of actual data. Data for nonrespondents on the EIA-170 and ERA-60 are not imputed.

Response Rates

As of the filing deadline, the response rates of the EIA-87 through EIA-90 respondents is over 90 percent. The response rate for the EIA-64 is over 85 percent and for the EIA-170 it is 98 percent. All companies that have not responded are contacted by telephone. Although data are taken by telephone to expedite processing, a certified submission is still required. Names of companies that fail to file for 2 consecutive months are forwarded for further noncompliance action.

In July 1982, the ERA-60 survey had a response rate of 98 percent by the filing deadline. The universe was 1,100 firms at that time. (Because this is a dynamic survey, the universe is constantly changing.) Standard follow-up of nonrespondents is made to ensure that all reports are received, since data are not imputed for nonrespondents. In addition, response is cross-checked with response on the

Petroleum Licensing Decrementation System (PLDS), a listing of each month's importers. The response rate is generally 98 to 99 percent by the time the data are first published.

Note 1.2 Census Import (IM-145) and Export (EM-522 and EM-594) Data

Background

Each month the EIA purchases magnetic tapes of aggregated import and export statistics from the Bureau of the Census. These data provide the only source of export statistics and are used to augment the import data collected by the EIA. Export statistics and import data from the Census tapes on liquefied petroleum gases, bonded ships bunkers, and military offshore use are published in the *PSM* and the *PSA*.

Import Statistics (IM-145)

Coverage

The import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. Customs territory (the 50 States, the District of Columbia, and Puerto Rico), without regard to whether or not a commercial transaction is involved. In general, the statistics record the physical movement of merchandise into the United States from foreign countries, with the exception of the following types of transactions that are excluded from the statistics:

1. Merchandise in-transit through the United States, when documented with Customs as an in-transit movement.
2. Shipments from anywhere to U.S. possessions and shipments from U.S. possessions to the United States. (U.S. possessions include Puerto Rico, the Virgin Islands, Guam, and American Samoa.)
3. U.S. merchandise that was held in foreign countries by the U.S. Armed Forces and is returned to the United States for use by the Armed Forces.

Source of Import Information

The official U.S. import statistics are compiled by the Bureau of the Census from copies of the import entry and warehouse withdrawal forms that importers are required by law to file with Customs officials (Customs Forms 7501, 7505, 7506).

Imported petroleum is reported as Imports for Consumption. Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. With certain exceptions, as indicated above, these data generally reflect the total of commodities entered into U.S. consumption channels.

Country and Area of Origin

The country reported in the statistics as the country of origin is defined as the country where the merchandise was grown, mined, or manufactured. In instances where the country of origin cannot be determined, the transactions are credited to the country of shipment.

Export Statistics (EM-522 and EM-594)

Coverage

The export statistics reflect both government and nongovernment exports of domestic and foreign merchandise from the U.S. Customs territory (the 50 States, the District of Columbia, and Puerto Rico) to foreign countries, without regard to whether or not the exportation involves a commercial transaction. In general, the statistics record the physical movement of merchandise out of the United States to foreign countries, with the exception of the following types of transactions:

1. All shipments from U.S. possessions, regardless of whether the shipments are sent to the United States, to other U.S. possessions, or to foreign countries.
2. Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
3. Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

Source of Exportation Information

The official U.S. export statistics are compiled by the Bureau of the Census primarily from copies of Shipper's Export Declarations. Exporters are required to file Shipper's Export Declarations with Custom's officials. The only exceptions are those exporters who have been authorized to submit data directly to the Bureau of the Census on magnetic tape, punched cards, or monthly Shipper's Export Declarations.

Country and Area of Destination

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

Note 2: Supply

The components of petroleum supply are field production, refinery production, imports, and stock withdrawal or addition:

Field Production is the sum of crude oil production (including lease condensate), natural gas processing plant production, and new supply (field production) of other liquids used by refineries. Crude oil production is estimated based on data received from State conservation and revenue agencies. For further explanation, see Explanatory Note 3.

Field production of natural gas plant liquids (NGPL), including finished petroleum products, is reported monthly on survey Form EIA-64, *Monthly Natural Gas Liquids Report*. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. For survey description and other detail, see Explanatory Note 1.1.

Refinery Production of LRGs, ethane, and finished petroleum products is reported monthly on survey Form EIA-87, *Monthly Refinery Report*. Published production of these products equals refinery production minus refinery input. Refinery production of unfinished oils and of motor and aviation gasoline blending components appears on a net basis under refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. It also should be noted that refineries do not export production of crude oil, natural gasoline, isopentane, unfractionated stream, plant condensate, or other hydrocarbons.

Imports of crude oil and petroleum products are reported monthly on Form ERA-60, *Report of Oil Imports into the United States and Puerto Rico,* and Form FEA-P133-M-O, *Shipments of Refined Products (Including Unfinished Oils) from Puerto Rico to the United States*. In addition, the Census Bureau Tabulation IM-145 summarizes import data from Customs import declarations reported on Customs Forms 7501 and 7505. The most prominent difference between the EIA and Census systems appears in imports of liquefied petroleum gases (LPG), where the Census data show a much higher level of imports than EIA data. This occurs because the ERA-60 respondent frame was built by monitoring importers of licensed products and LPGs are not licensed products. Therefore, respondents that import only LPGs have not been identified, and do not report these imports to the Department of Energy. Since these importers are required to file Form 7501 with the U.S. Customs Service, EIA obtains data on imports of LPGs from Census Tabulation IM-145. Additional data taken from the IM-145 are relatively small quantities of naphtha- and kerosene-type jet fuels, distillate fuel oils, and residual fuel oils withdrawn from bonded storage for use in international trade and for military offshore use. Even though these duty-free fuels are stored on United States shores, they did not enter the United States for domestic consumption and, therefore, are not included in the ERA-60 reporting system.

Stock Withdrawal (+) or Addition (-) is calculated by subtracting stocks at the end of the month from stocks at the beginning of the same month. (Note: The beginning stocks of one month are equal to the ending stocks of the previous month.) A positive result (+) would represent a withdrawal from stocks and an increase in petroleum supplies distributed for domestic consumption. A negative result (-) would represent a buildup of stocks and a reduction in the amount of petroleum supplies distributed for domestic consumption. For a description of survey forms used to make stock withdrawal or addition calculations, see Explantory Note 5.

Unaccounted-for Crude Oil is a balancing item that represents the difference between crude oil supply and disposition.

Crude oil supply is the sum of field production, imports, and stock withdrawals or additions. Crude oil disposition is the sum of exports, refinery input, and crude used directly and losses. Unaccounted-for crude oil is calculated by subtracting crude oil supplies from crude oil disposition. A positive result indicates that refiners and exporters reported use of more crude oil than was reported to have been available to them. (This occurs, for example, when imports are undercounted due to late reporting or other problems.) A negative result would indicate that more crude oil was reported to have been supplied to refiners and exporters than they reported used.

Note 3: Domestic Crude Oil Production

Data for the Crude Oil Production System (COPS) are reported to the Department of Energy by each of the State conservation agencies, which collect crude oil production values for tax purposes. The U.S.Geological Survey reports the volume of crude oil that is produced offshore in Federally-owned waters. With the exception of ten State conservation agencies, all of these reports are received monthly. After each calendar year, these monthly numbers are updated using the annual reports from the State conservation agencies and the U.S. Geological Survey.

Note 4: Disposition

The components of petroleum disposition are crude oil used directly and losses, refinery inputs, exports, and products supplied for domestic consumption.

Crude Oil Used Directly and Losses is the sum of crude oil losses at refineries, crude oil burned at refineries, and crude oil burned on leases. Crude oil losses and consumption at refineries are reported on Form EIA-87, *Monthly Refinery Report*. Crude oil burned on leases is reported on Form EIA-90, *Crude Oil Stocks Report*. Crude oil burned on leases is divided into two categories: crude burned as residual fuel oil and crude burned as distillate fuel oil. Crude burned on leases appears as a negative supply to crude oil and as a positive supply to residual and distillate fuel oil.

Refinery Inputs of crude oil, natural gas plant liquids, and other liquids are reported monthly on survey Form EIA-87, *Monthly Refinery Report*. Published inputs of unfinished oils and of motor and aviation gasoline blending components equal refinery input minus refinery output. Refinery inputs of finished petroleum products are reported on a net basis under refinery production.

Exports of crude oil and petroleum products are compiled from Census Bureau tabulations EM-522 and EM-594. Exports include crude oil shipments to Puerto Rico, the Virgin Islands, and the Hawaiian Foreign Trade Zone, which are obtained from refinery receipts reported on Form EIA-87, by refineries located in these places.

Product supplied for each product is calculated by summing field production plus refinery production, plus imports, plus stock withdrawal or minus stock addition, minus crude oil used directly and losses (plus net receipts when calculated on a PAD District basis), minus refinery input, minus exports. This formula ensures that total disposition equals total supply.

Product supplied indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of that product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported, (2) data were misreported or reported late, (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of interdistrict movements was incomplete.

Note 5: Stocks

Primary stocks of crude oil are the sum of ending stocks reported monthly on Form EIA-87, *Monthly Refinery Report*, and on Form EIA-90, *Monthly Crude Oil Report*. Crude oil held in the Strategic Petroleum Reserve is included unless otherwise noted. Alaskan crude oil in transit is also included. Primary stocks of petroleum products are summed from data reported on Form EIA-64, *Monthly Natural Gas Liquids Report*, Form EIA-88, *Monthly Bulk Terminal Report*, and on Form EIA-89, *Monthly Product Pipeline Report*. Primary stocks of petroleum products do not include either secondary stocks held by dealers and jobbers or stocks held by consumers. For survey descriptions and other details, see Explanatory Note 1.1.

Note 6: Average Stock Levels

The graphs displaying monthly stock levels of crude oil, motor gasoline, distillate fuel oil, residual fuel oil, liquefied petroleum gases, and other products provide the user with 1982 data as well as a summary of data from January through December for the most recent 3-year period. This summary takes the form of an average range that includes seasonal variation determined from a longer time period. The average range represents the historical pattern; it is not a forecast.

For each data series, the monthly seasonal factors are estimated by means of a seasonal adjustment technique developed at the Bureau of the Census (Census X-11). The seasonal factors are assumed to be stable (i.e., unchanging from year to year) and additive. The series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported stock levels. The intent of deseasonalization is to remove only seasonal variation from the data. Thus, a deseasonalized series would contain the same trends and irregularities as the original data. For crude oil stocks, the derived seasonal factors are very small relative to crude oil stock levels. Therefore, the seasonal factors for distillate fuel oil, residual fuel oil, liquefied petroleum gases and other products are derived using monthly data from 1974-1980. For motor gasoline, the seasonal factors are based on monthly data from 1975, 1976, 1978, 1979, and 1980. In 1977, there was virtually no seasonal behavior in motor gasoline stocks. Monthly stock levels stayed at the same high level for the entire year. In addition, the seasonal patterns in 1973, 1974, and 1977 were not representative of the recent past, and these years were not used in the determination of seasonal patterns for motor gasoline stocks. Because of these differences in the year-to-year seasonal fluctuation of motor gasoline, the evidence for the illustrated seasonal patterns for crude oil, distillate fuel oil, residual fuel oil, liquefied petroleum gases and other products is stronger than is the evidence for the illustrated seasonal patterns for motor gasoline.

In some cases, these seasonal patterns do not show a smooth transition from month to month. For example, the June factor for residual fuel oil is slightly less than the May and July values, making a bump in the curve. As there is little difference in the magnitude of these seasonal factors, it is possible that this variation is due to the small number of observations (7 years) and the data variability.

After seasonal factors are derived, the most recent 3-year period (from January through December) is deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard error of the deseasonalized 36 months is calculated adjusting for extreme data points. The width of the average range is twice the standard error.

The upper curve of the average range is defined as the average plus the seasonal factors plus the standard error. The lower curve is defined as the average plus the seasonal factors minus the standard error.

Note 7: Movements

Movements of crude oil between PAD Districts are reported on Form EIA-170, *Monthly Tanker and Barge Movement Report*, and on Form EIA-90, *Monthly Crude Oil Report*. Petroleum product movements are reported on Forms EIA-170 and EIA-88, *Monthly Product Pipeline Report*. Net receipts is the difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge. For survey descriptions and other detail, see Explanatory Note 1.1.

Note 8: Notes on Tables

Note 8.1: Crude Oil and Petroleum Products Overview statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Crude Oil and Petroleum Products Stock Withdrawal (+) or (-) Addition (-), Petroleum Products Supplied, Total Imports, Crude Oil Imports, Total Exports, and Crude Oil Exports appear as labeled in Table 3. Total Production and Crude Oil Production appear under Field Production in Table 3.

- Natural Gas Plant Production is the sum of Natural Gas Liquids and Finished Petroleum Products Field Production in Table 3.
- Petroleum Products Imports is the sum of Natural Gas Liquids and LRGs, Other Liquids, and Finished Petroleum Products Imports in Table 3.
- Total Crude Oil and Petroleum Products Ending Stocks appear in thousands of barrels in Table 2.

Note 8.2 Crude Oil Supply and Disposition statistics on the referenced line appear in Table 1 of the Detailed Statistics, except where noted.

- Total Domestic Field Production, Alaskan Field Production, SPR Imports, Other Imports (synonymous with Imports Gross Excl.SPR), SPR and Other Primary Stocks Withdrawal (+) or Addition (-), Unaccounted-For Crude Oil, Refinery Inputs, and Exports appear as labeled in Table 1.
- Crude Used Directly and Losses appear as labeled in Table 2.
- SPR Ending Stocks and Other Primary Ending Stocks (synonymous with stocks excluding SPR) appear in thousands of barrels in Table 1.
- Total Crude Oil Ending Stocks appear in thousands of barrels in Table 2.
- Total Imports appear in Table 3.

Note 8.3 Finished Motor Gasoline Supply and Disposition statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Additon (-), Exports, and Product Supplied appear as labeled in Table 3.
- Unleaded Percent of Total Product Supplied represents the ratio of finished unleaded motor gasoline product supplied to total finished motor gasoline product supplied, multiplied by 100 and rounded to the nearest tenth.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.4 Distillate and Residual Fuel Oil Supply and Disposition statistics on the referenced lines appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Addition (-), Exports, and Product Supplied appear as labeled in Table 3.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.5 Liquefied Petroleum Gases and Ethane Supply and Disposition statistics represent the aggregation of statistics on ethane, propane, butane, butane-propane mixtures, ethane-propane mixtures, and isobutane. The statistics on the referenced line appear in Table 3 of the Detailed Statistics, except where noted.

- Total Production is the sum of Field Production and Refinery Production in Table 3.
- Imports, Stocks Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product supplied appear as labeled in Table 3.
- Ending Stocks appear in thousands of barrels in Table 2.

Note 8.6 Other Petroleum Products Supply and Disposition statistics represent the aggregation of statistics on natural gasoline, isopentane, unfractionated stream, plant condensate, other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, and liquefied petroleum gases and ethane. The statistics on the referenced line are aggregated from Table 3 of the Detailed Statistics, except where noted.

- Total Production is the aggregated sum of Field Production and Refinery Production in Table 3.
- Imports, Stock Withdrawal (+) or Addition (-), Refinery Inputs, Exports, and Product Supplied are aggregated from Table 3.
- Ending stocks are aggregated from ending stocks in thousands of barrels in Table 2.

Note 8.7 Table 1. U.S. Petroleum Balance

- Lines (1) through (3): Crude oil (including lease condensate) production for *Alaska, Lower 48 States, and Total U.S.* are calculated by calling the conservation agency in Alaska for Alaskan crude oil production during the month, determining crude oil production in the United States and taking the difference to equal production in the Lower 48 States.
- Line (5): *SPR Imports* are reported on Survey Form ERA-60.
- Line (12): *Total Other Sources* equals crude oil stock withdrawal (+) or addition (-) plus unaccounted-for crude oil minus crude oil used directly and losses in Table 2.
- Line (14): Natural gas plant liquids (NGPL) *Production* equals field production of natural gas liquids (NGL) plus field production of finished petroleum products in Table 2.
- Line (15): NGPL *Imports* equals the sum of the imports of natural gasoline and isopentane, unfractionated stream, and plant condensate imports in Table 2.
- Line (16): NGPL *Stock Withdrawal (+) or Addition (-)* is equal to the sum of stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate in Table 2.
- Line (17) equals the sum of lines (14), (15), and (16).
- Line (18): Unfinished oils and gasoline blending components *Stock Withdrawal (+) or Addition (-)* equals stock withdrawal (+) or addition (-) for other hydrocarbons and alcohol, unfinished oils, motor gasoline blending components, and aviation gasoline blending components.
- Line (20): *Other Hydrocarbons and Alcohol New Supply* equals the field production of same in Table 2.

- Line (21): *Refinery Processing Gain* is a balancing item equal to total refinery production minus total refinery input in Table 2.
- Line (23): *Total Other Liquids* equals the sum of lines (18) through (22).
- Line (24): *Total Production of Products* equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oil in Table 2.
- Line (25): *Gross Imports of Refined Products* equals imports of LPG plus imports of finished petroleum products in Table 2.
- Line (26): *Exports of Refined Products* equals exports of LPG plus exports of finished petroleum products in Table 2.
- Line (27): *Net Imports of Refined Products* equals the difference between lines (25) and (26).
- Line (28): *Total New Supply of Products* equals crude oil input to refineries plus field production of NGPL and finished petroleum products; plus imports of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of natural gasoline and isopentane, unfractionated stream, and plant condensate; plus stock withdrawal (+) or addition (-) of other hydrocarbons and alcohol, unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus imports of unfinished oils, aviation gasoline blending components, and motor gasoline blending components; plus field production of other hydrocarbons and alcohol; plus total refinery production; minus total refinery input; plus crude oil used as distillate and residual fuel oil; plus imports of LPG and finished petroleum products; minus exports of LPG and finished petroleum products in Table 2.
- Line (29): *Refined Products Stocks Withdrawal (+) or Addition (-)* equals the sum of stock withdrawal (+) or addition (-) for LPG and finished petroleum products in Table 2.
- Line (30): *Total Petroleum Products Supplied for Domestic Use* equals total products supplied in Table 2.
- Lines (31) through (37) equal the respective products supplied in Table 2.
- Line (38): *Other Products Supplied* equals the sum of natural gasoline and isopentane, unfractionated stream, plant condensate, aviation gasoline, naptha <400 Deg. F. for petrochemical feedstock use, other oils >400 Deg. F. for petrochemical feedstock use, special naphthas, lubricants, waxes, coke, asphalt, road oil, still gas, and miscellaneous products supplied in Table 2.
- Line (40): *Total Product Supplied* is equal to total products supplied in Table 2.
- The sum of lines (39) and (40), stocks of *Crude Oil* and *Lease Condensate (Excluding SPR)* and stocks held by the *Strategic Petroleum Reserve*, equals ending stocks of crude oil in Table 2. SPR stocks are reported on Form EIA-90.
- Line (46): stocks of *Refined Products*, equals the sum of LPG and finished petroleum product stocks in Table 2.
- Line (39): *Total Reclassified* is a balancing item equal to the sum of unfinished oils, motor gasoline blending components, and aviation gasoline blending components products supplied in Table 2.

Note 9: Liquefied Petroleum Gases (LPG) Statistics

Note 9.1 LPG Study

During 1982, the EIA began a study of its LPG reporting systems with particular emphasis on flows among natural gas processing plants and fractionators. The study detected some discrepancies in the reporting of 1982 data that were corrected in time for inclusion in the 1982 final LPG production statistics.

A complete set of revised statistics for years before 1982 are not available. However, comparison between 1982 and 1981 surveys indicate that discrepancies discovered in 1982 reports also occurred in 1981 reporting and the most significant deficiencies are in the product categories ethane-propane mixtures (E-P Mix) and natural gasoline. From resubmitted data obtained for 1981, the EIA has been able to estimate the range of adjustment to production and product supplied for these products, as well as for Other LPG and LPG Total for 1981. These are shown in Table 1 below. E-P Mix production and product supplied were understated by 60 to 80 MB/D in the 1981 *Petroleum Supply Annual.* Other LPG production and product supplied was overstated by 10 to 20 MB/D. Consequently, Total LPG was understated by 50 to 60 MB/D. Offsetting this understatement was the overstatement of natural gasoline by 50 to 60 MB/D, so there is no change to the 1981 production or product supplied series for Total Natural Gas Plant Liquids (NGPL) or Total Petroleum Products Supplied.

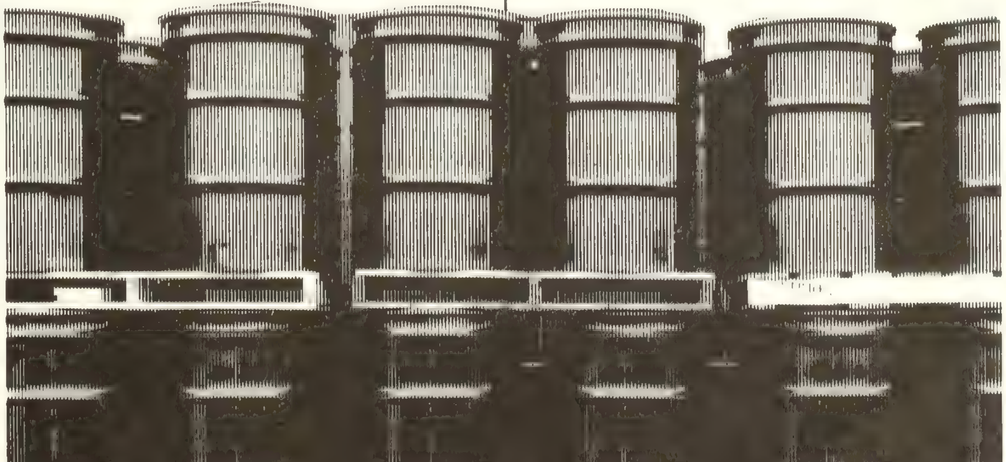
Table 1. Adjustments to Production and Product Supplied Figures Published in the 1981 *Petroleum Supply Annual*

Product Category	Production (MBD)	Product Supplied (MBD)
E-P Mix	+60 to 80	+60 to 80
Other LPG	-10 to 20	-10 to 20
Total LPG	+50 to 60	+50 to 60
Natural Gasoline	-50 to 60	-50 to 60
Total NGPL	0	0

9.2 Adjustments

The EIA adjusted natural gasoline, plant condensate and unfractionated stream production prior to the publication of this report. Product supplied for unfractionated stream is set equal to the shipments of this commodity to petrochemical plants, which are considered to be reported accurately. Product supplied for plant condensate is estimated to be about 2,000 barrels per month. Typically, the production of unfractionated stream and plant condensate reported to EIA are too low (by about 40 MB/D) and, if used, would result in an understatement of product supplied for these commodities. EIA believes that this understatement is the result of misreporting (misclassification) of natural gasoline production. Consequently, the production of unfractionated stream and plant condensate has been adjusted upward to correct for the understatement, and natural gasoline production has been adjusted downward by an equivalent amount.

lossary



Definitions of Petroleum Products and Other Terms

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; CH-(CH)n-OH, Alcohol includes methanol and ethanol.

Alkylation. A refinery process for chemically combining isoparaffin with olefin hydrocarbons. The product, alkylate, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Deg API} = \frac{141.5}{\text{sp gr 60F/60F}} - 131.5$$

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene and xylene.

Asphalt. A dark-brown-to-black cement-like material, containing bitumens as the predominant constituents, obtained by petroleum processing. The definition includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. The conversion factor for asphalt is 5.5 barrels of 42 U.S. gallons per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Aviation Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished aviation gasoline.

Aviation Gasoline, Finished. All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into finished aviation gasoline.

Barrel. A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons. This measure is used in most statistical reports. Factors for converting petroleum coke, asphalt and wax to barrels are given in the definitions for these products.

Barrels per Calendar Day. The maximum number of barrels of input that can be processed in a twenty-four hour period after making allowances for the following limitations: downstream limitations, environmental constraints, types and grades of inputs, planned and unplanned downtime, and types and grades of products.

Barrels per Stream Day. The amount a unit can process running at full capacity under optimal crude and product slate conditions.

Bi-metallic. A term used to describe a type of catalyst. A catalytic process utilizing a catalyst comprised of two metals (e.g., platinum, rhenium).

Butane. A normally gaseous paraffinic hydrocarbon, C4H10. It is extracted from natural gas or refinery gas streams. Butane is covered by ASTM Specification D1835 and Gas Processors Association Specification for commercial butane.

Isobutane. A saturated straight-chain hydrocarbon of butane. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees F. This classification includes mixtures of gases that contain 80 percent liquid volume or more isobutane. It is extracted from natural gas and refinery gas streams.

Normal Butane. A saturated straight-chain hydrocarbon of butane. It is a colorless paraffinic gas that boils at a temperature of 31.1 degrees F. This classification includes mixtures of gases that contain 80 percent or more normal butane.

Other Butanes. All butanes not included as normal butane or isobutane.

Butane-Propane Mixtures. Mixtures consisting exclusively of butane and propane that conform to ASTM Specification D1835 and Gas Processsors Association Specification for commercial butane-propane mixtures. They are extracted from natural gas and refinery gas streams.

Butylene. An olefinic hydrocarbon, C4H8, recovered from refinery processes.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil.

Catalytic Hydrocracking. A refining process for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel and/or high grade fuel oil. Hydrocracking is an efficient, relatively low temperature process using hydrogen and a catalyst.

Catalytic Hydrotreating. A process for treating petroleum fractions (e.g., distillate fuel oil and residual fuel oil) and unfinished oils (e.g., naphthas, reformer feeds and heavy gas oil) in the presence of catalysts and substantial quantities of hydrogen to upgrade their quality.

Catalytic Reforming. The use of controlled heat and pressure with catalysts to effect the rearrangement of certain hydrocarbon molecules without altering their composition appreciably; the conversion of low-octane gasoline fractions into higher octane stocks suitable for blending into finished gasoline; also the conversion of naphthas to obtain a more volatile product of higher octane number.

Conventional. A term used to describe a type of catalyst. A catalytic process utilizing a catalyst comprised of a metal and a non-metal (e.g., platinum, alumina).

Coal. A generic term applied to carbonaceous rocks that were formed by the partial or complete decomposition of vegetation. These stratified carbonaceous rocks are either solid or brittle and are highly combustible. Includes lignite, bituminous coal, and anthracite coal which conform to ASTM specification D388.

Crude Distillation. The refining process of separating crude oil components by heating and subsequent condensing of the fractions by cooling.

Crude Oil (including Lease Condensate). A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite and oil shale. Drip gas is also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable. Crude oil is considered as either domestic or foreign according to the following:

Domestic. Crude oil produced in the United States or from its outer continental shelf as defined in 43 U.S.C. 1331.

Foreign. Crude oil produced outside the United States.

Delayed Coking. A process to produce low Conradson carbon gas for catalytic cracking feedstock and for gasoline.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on-and-off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils; No. 1, No. 2, and No. 4 diesel fuel.

No. 1 Fuel Oil. A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D396 specifies for this grade maximum distillation temperatures of 420 degrees F. at the 10 percent point and 550 degrees F. at the 90 percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees F.

No. 2 Fuel Oil. A distillate fuel oil for use in atomizing-type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D396 specifies for this grade distillation temperatures at the 90 percent point between 540 degrees and 640 degrees F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees F.

No. 1 and No. 2 Diesel Fuel Oils. Distillate fuel oils used in compression-ignition engines, as given by ASTM Specification D975:

No. 1-D. A volatile distillate fuel oil with a boiling range between 300-575 degrees F. and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specifications D975.

No. 2-D. A gas oil type distillate of lower volatility with distillation temperatures at the 90 percent point between 540-640 degrees F. for use in high-speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D975.

No. 4 Fuel Oil. A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D396 or Federal Specifications VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees F. Also included is No.4-D, a fuel oil for low-and medium-speed diesel engines that conforms to ASTM Specification D975.

Eastern Hemisphere. That half of the earth east of the Atlantic Ocean which includes Europe, Asia, Africa and Australia. The Hawaiian Foreign Trade Zone is in this hemisphere.

Electric Energy (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ethane. A normally gaseous paraffinic compound (C_2H_6), extracted from natural gas and refinery gas streams. Ethane includes any products containing 90 percent liquid volume or more ethane.

Ethane-Propane Mixtures. Mixtures of ethane and propane in which neither component is 90 percent or more of the liquid volume. It is extracted from natural gas and refinery gas streams.

Ethylene. An olefinic hydrocarbon (C_2H_4), recovered from refinery or petrochemical processes.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, and new supply of other hydrocarbons and alcohol.

Fluid Coking. A thermal process utilizing the fluidized-solids technique for continuous conversion of heavy, low-grade oils into lighter products.

Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished aviation or motor gasoline.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. Derives its name from having originally been used in the manufacture of illuminating gas. Now supplies distillate-type fuel oils and diesel fuel, also cracked to produce gasoline.

Imported Crude Oil Burned as Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sand oil, gilsonite, and oil shale.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule. Used to convert normal butane into isobutane, an alkylation process feedstock, and normal pentane and hexane into isopentane and isohexane, high-octane gasoline components.

Kerosene. A petroleum distillate that boils at a temperature between 300-550 degrees F., that has a flash point higher than l00 degrees F. by ASTM Method D56, that has a gravity range from 40-46 degrees API, and that has a burning point in the range of l50-l75 degrees F. Included are the two classifications recognized by ASTM D-3699. No. l-K and No. 2-K, and all grades of kerosene called range or stove oil which have properties similar to No. l fuel oil, but with a gravity of about 43 degrees API and a maximum end-point of 625 degrees F. Kerosene is used in space heaters, cook stoves, and water heaters and is suitable for use as an illuminant when burned in wick lamps.

Kerosene-Type Jet Fuel. A quality kerosene product with an average gravity of 40.7 degrees API, a l0 percent distillation temperature of 400 degrees F. It is covered by ASTM Specification Dl655 and Military Specifications MIL-T-5624L (Grades JP-5 and JP-8). A relatively low-freezing point distillate of the kerosene type; it is used primarily for commercial turbojet and turboprop aircraft engines.

Lease Condensate. A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Liquefied Petroleum Gases (LPG). Propane, propylene, butanes, butylene, butane-propane mixtures, ethane-propane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw natural gas plant liquids.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration they are retained in the liquid state. The reported categories are ethane and/or ethylene, propane and/or propylene, butane and/or butylene, butane-propane mixtures, and isobutane. Excludes still gases used for chemical or rubber manufacture which are reported as a petrochemical feedstock and also excludes liquefied gases ready for blending into gasoline which are reported as gasoline blending components. Liquefied refinery gases are reported for use as petrochemical feedstocks or other uses.

Lubricating Oils. A substance used to reduce friction between bearing surfaces. Petroleum lubricants may be produced either from distillates or residues. Other substances may be added to impart or improve certain required properties. Lubricants includes all grades of lubricating oils from spindle oil to cylinder oil and those used in greases. The three categories include Bright Stock, Neutral, and Other.

Bright Stock. A refined, high viscosity lubricating oil base stock that is usually made from residuum by a treatment such as deasphalting, acid treatment, or solvent extraction.

Neutral. A distillate lubricating oil base stock with a viscosity that is usually not above 550 Saybolt Universal Seconds (SUS) at l00 degrees F. It is prepared by a treatment such as hydrofining, acid treatment, or solvent extraction.

Other. A lubricating oil base stock used in finished lubricating oils and greases, including black, coastal, and red oils.

Middle Distillates. A general classification that includes distillate fuel oil and kerosene.

Miscellaneous Products. Includes all finished products not classified elsewhere, e.g., petrolatum, absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, specialty oils and medicinal oils.

Motor Gasoline Blending Components. Finished components in the gasoline range which will be used for blending or compounding into finished motor gasoline. Pool gasoline is included in this category.

Motor Gasoline, Finished. A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, that have been blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D439 or Federal Specification VV-G-l690B, include a boiling range of l22 degrees to l58 degrees F. at the l0 percent point to 365 degrees to 374 degrees F. at the 90 percent point and a Reid vapor pressure range from 9 to l5 psi. Motor gasoline includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Finished Leaded Gasoline. Contains more than 0.05 gram of lead per gallon or more than 0.005 gram of phosphorus per gallon. The actual lead content of any given gallon, however, may vary as a function of the size of the producer and company according to specific Environmental Protection Agency waiver provisions. Premium and regular grades are included, depending on the octane rating. Includes leaded gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Finished Unleaded Gasoline. Contains not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating. Includes unleaded gasohol. Blend stock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Gasohol. A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) in which l0 percent or more of the product is alcohol.

Motor Gasoline, Total. Includes finished leaded motor gasoline, finished unleaded motor gasoline, motor gasoline blending components, and gasohol.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade JP-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

Natural Gas. A mixture of hydrocarbons and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, butane, natural gasoline, etc., and to control the quality of natural gas to be marketed.

Natural Gas Plant Liquids. Natural gas liquids recovered from natural gas in gas processing plants, and in some situations, from natural gas field facilities. Natural gas liquids extracted by fractionators are also included. These liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials, and are classified as follows: Ethane, propane, ethane-propane mix, isobutane, butane, butane-propane mix, isopentane, natural gasoline, plant condensate, unfractionated stream, and other products from natural gas processing plants (i.e., products meeting the standards of finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphthas, kerosene, distillate fuel oil, and miscellaneous products).

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon. C_5H_{12}, obtained by fractionation of natural gasoline or isomerization of normal pentane.

OPEC. The acronym for the Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

Operable Distillation Capacity. The maximum amount of input that can be processed by a crude oil distillation unit in a 24-hour period, making allowances for processing limitations due to types and grades of inputs, limitations of downstream facilities, scheduled and unscheduled downtimes, and environmental constraints. Includes any shutdown capacity that could be placed in operation within 90 days.

Other Hydrocarbons. Materials received by a refinery and consumed as raw materials. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Petrochemical Feedstock Use. Chemical feedstocks derived from petroleum, principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are Naphtha-less than 400 degrees F. end-point and Other oils-over 400 degrees F. end-point.

Napththa-Less Than 400 Degrees F. End-Point. A naphtha with an end point of less than 400 degrees F. that is reported as used as a petrochemical feedstock.

Other Oils-Over 400 Degrees F. End-Point. Oils with an end point over 400 degrees F. that are reported as used as a petrochemical feedstock.

Petroleum Coke. A residue, the final product of the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is five barrels of 42 U.S. gallons per short ton.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This green coke may be sold or further purified by calcining.

Catalyst Coke. In many catalytic operations (i.e., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refinery process. This carbon or coke is not recoverable in a concentrated form.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, natural gasoline and isopentane, plant condensate, unfractionated stream, liquefied petroleum gases, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, naphtha less than 400° F. end-point, other oils - over 400° F. end-point, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Petroleum Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas plant liquids, other hydrocarbons, and alcohol.

Plant Condensate. One of the natural gas plant liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Primary Stocks. Stocks of crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tankfarms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks excludes stocks of foreign origin that are held in bonded warehouse storage.

Propane. A normally gaseous paraffinic compound, C3H8, which includes all products covered by NGPA Specification for commercial and HD-5 propane and ASTM Specification D1835. It is used primarily as a fuel and as a petrochemical feedstock.

Propylene. An olefinic hydrocarbon, C3H6, recovered from refinery or petrochemical processes.

Residual Fuel Oil. The topped crude of refinery operation which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), and Bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes. Includes imported crude oil to be burned as a fuel.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust pallative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Special Naphthas. All finished products within the gasoline range that are used as paint thinners, clearers, or solvents. These products are refined to a specified flash point and have a boiling range of 90 degrees to 220 degrees F. Special naphthas includes all commercial hexane and cleaning solvents conforming to ASTM Specifications D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gas produced in refineries by distillation cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, butane, butylene, propane, propylene, etc. Still gas is reported for petrochemical feedstock use and/or refinery fuel use.

Petrochemical Feedstock Use. Includes all refinery streams which are used by chemical or rubber manufacturing operations for further processing, less the amount of such streams returned to the source refinery. Finished petrochemical products are not included. For example, polyethylene, butadiene, etc., are considered petrochemical products; therefore, only their feedstock equivalents are included.

Fuel Use. All other still gas.

Strategic Petroleum Reserve (SPR). Stocks (currently, only crude oil) maintained by the Federal Government for use during periods of major supply interruption.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking is used to increase the yield of gasoline obtainable from crude oil.

Unfinished Oils. Includes all oils requiring further processing, except those requiring only mechanical blending.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those included in plant condensate. This product is extracted from natural gas.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique, with its relatively low temperatures, prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy vacuum-still bottoms produced on the primary distillation unit are cracked to increase production of distillate products.

Wax. A solid or semi-solid material derived from petroleum distillates or residues by such treatments as chilling, precipitating with a solvent, or de-oiling. It is light-colored, more-or-less translucent crystalline mass, slightly greasy to the touch, consisting of a mixture of solid hydrocarbons in which the paraffin series predominates. Includes all marketable wax whether crude scale or fully refined. The three grades included are microcrystalline, crystalline-fully refined, and crystalline-other. The conversion factor is 280 pounds per 42-gallon barrel.

Microcrystalline Wax. Wax extracted from certain petroleum residues having a finer and less apparent crystalline structure than paraffin wax and having the following physical characteristics:

Penetration at 77 degrees F. (D-1321)-60 maximum. Viscosity at 210 degrees F. in Saybolt Universal Seconds (SUS) (D-88)-60 SUS (10.22 centistokes) minimum to 150 SUS (31.8 centistokes) maximum. Oil content (D-721)-5 percent minimum.

Crystalline-Fully Refined Wax. A light-colored paraffin wax having the following characteristics:

Viscosity at 210 degrees F. (D-88)-59.9 SUS (10.18 centistokes) maximum. Oil Content (D-721)-0.5 percent maximum. Other + 20 color, Saybolt minimum.

Crystalline-Other Wax. A paraffin wax having the following characteristics:

Viscosity at 210 degrees F. (D-88)-59.9 SUS (10.18 centistokes) maximum. Oil Content (D-721)-0.51 percent minimum to 15 percent maximum.

Western Hemisphere. That half of the earth that includes North and South America and the surrounding waters.

Bureau of Mines Petroleum Refining Districts and PAD Districts

The following are the Bureau of Mines petroleum refining districts which make up the PAD districts:

PAD District I

East Coast: District of Columbia and the states of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian #1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

PAD District II

Appalachian #2: The following counties of the State of Ohio: Erie, Huron, Crawford, Marion, Delaware, Franklin, Pickaway, Ross, Pike, Scioto, and all counties east thereof.

Indiana - Illinois - Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and that part of the State of Ohio not included in the Appalachian District.

Minnesota - Wisconsin - North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma - Kansas - Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana - Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

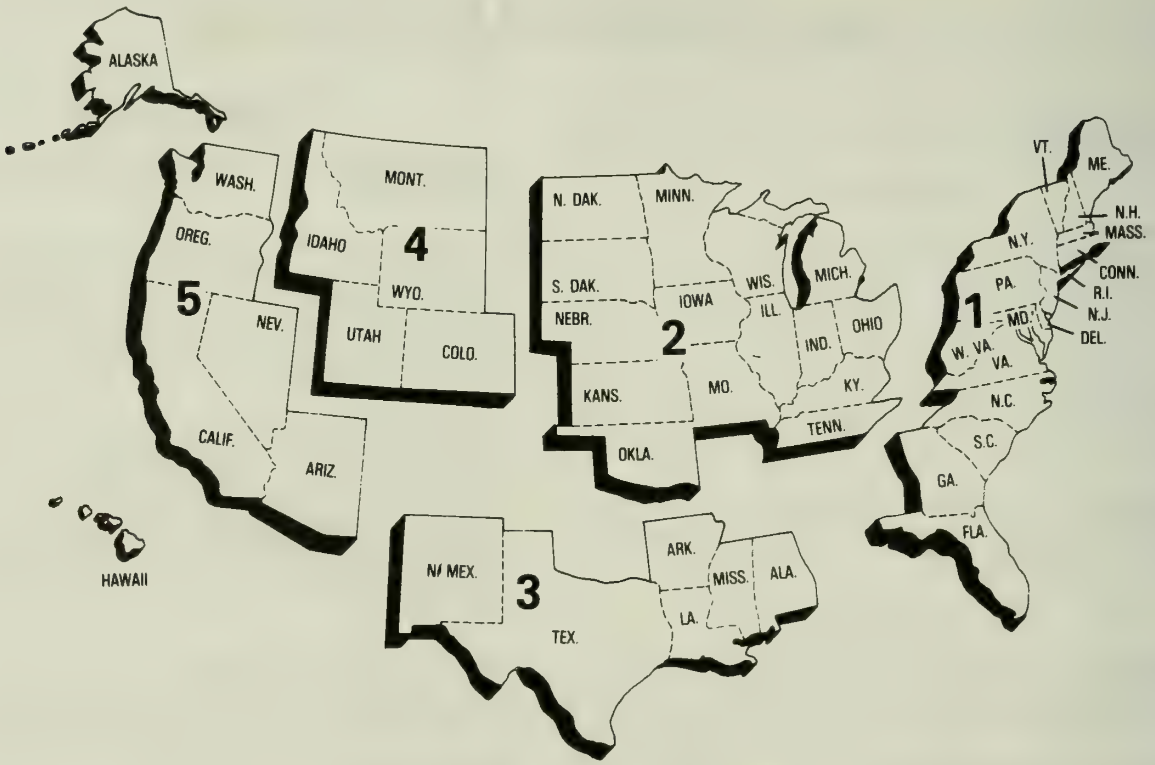
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

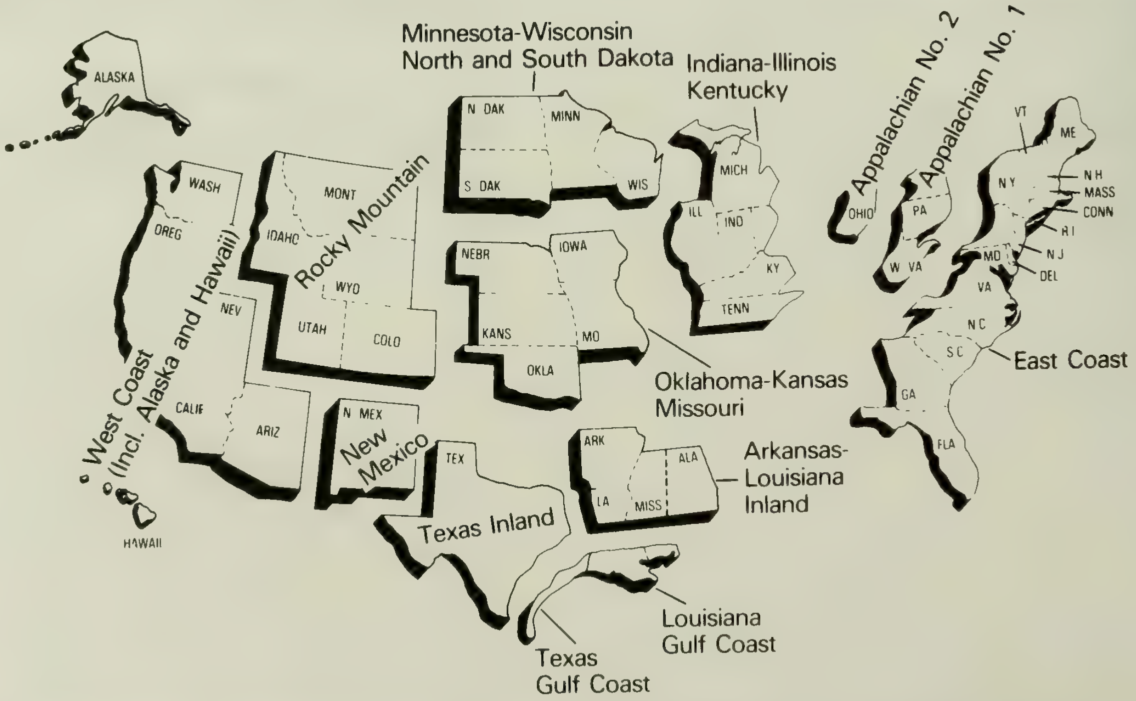
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Bureau of Mines Refining Districts



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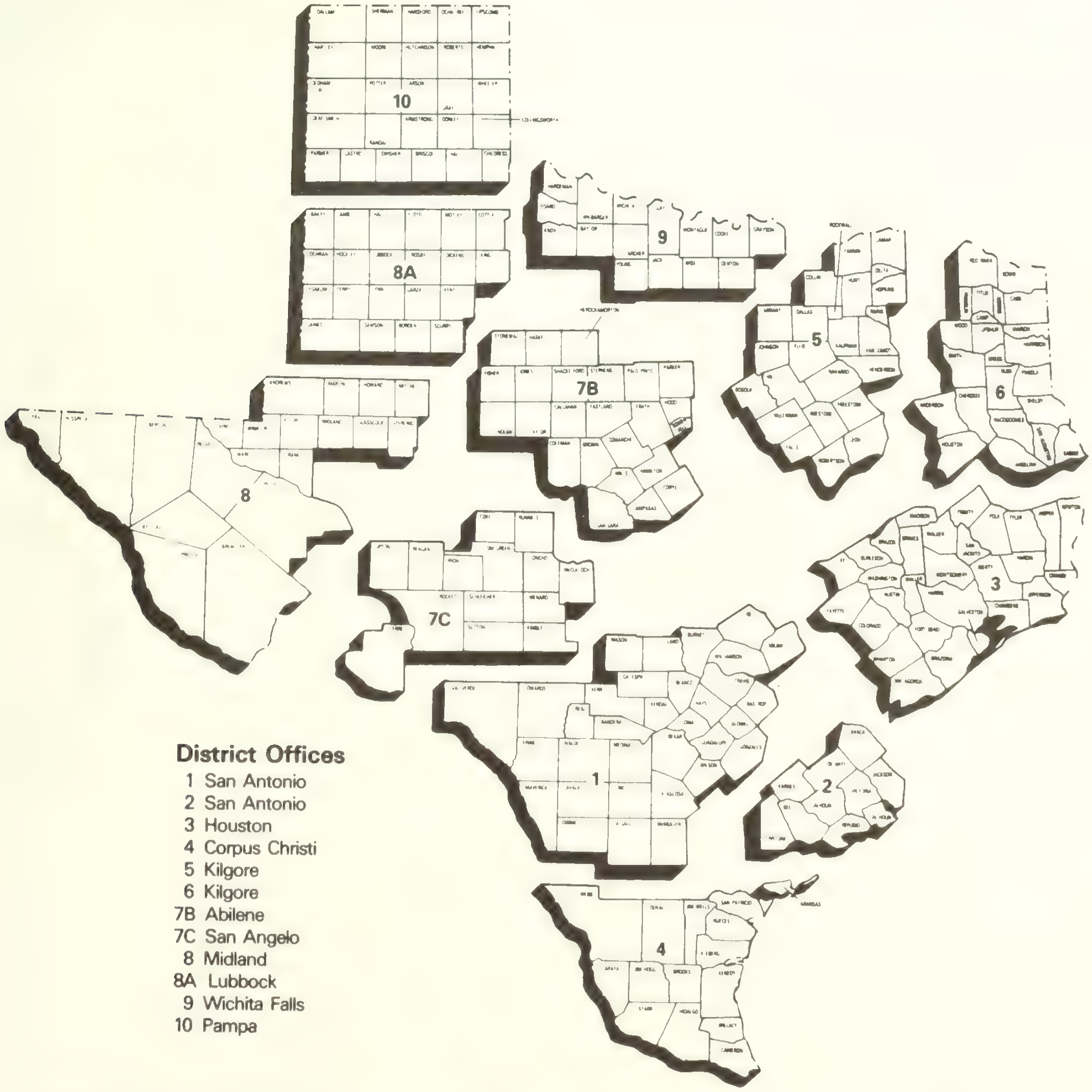

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